ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

UN-INTENTIONAL RADIATOR CERTIFICATION TO FCC PART 15 SUBPART B CERTIFICATION REQUIREMENT

OF

Product Name:	**CDMA TS004**
Model Name:	**CR11-J01**
FCC ID:	**WVS-CR11-J01**
Report No.:	**EI/2010/20007**
Issue Date:	**Mar. 11, 2010**
FCC Rule Part:	**Part 15 B, Class B**
Filing Type:	**Certification**
Prepared for:	**Toshiba Corporation, Mobile Communications Co., Quality Management Division** **1-1, Asahigaoka 3-Chome, Hino-Shi, Tokyo, 191-8555, Japan**
Prepared by:	**SGS Taiwan Ltd.** **Electronics & Communication Laboratory** **No. 134, Wu Kung Rd., Wuku Industrial Zone, Taipei County, Taiwan**

VERIFICATION OF COMPLIANCE

Applicant:	Toshiba Corporation, Mobile Communications Co., Quality Management Division 1-1, Asahigaoka 3-Chome, Hino-Shi, Tokyo, 191-8555, Japan
Product Name:	CDMA TS004
Model Name:	CR11-J01
FCC ID:	WVS-CR11-J01
File Number:	EI/2010/20007
Date of test:	Feb. 25, 2010 ~ Mar. 10, 2010
Date of EUT Receive:	Feb. 25, 2010

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.4 (2003) and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15B, Class B. The test results of this report relate only to the tested sample identified in this report.

Test By:	Nick Lin	***Date:***	Mar. 11, 2010
	Nick Lin / Engineer		
Prepared By:	Alex Hsieh	***Date:***	Mar. 11, 2010
	Alex Hsieh / Sr. Engineer		
Approved By:	Vincent Su	***Date:***	Mar. 11, 2010
	Vincent Su / Manager		

Version

Version No.	Date	Description
00	Mar. 11, 2010	Initial creation of document

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1. GENERAL INFORMATION

General:

Product Name:	CDMA TS004	
Model Name:	CR11-J01	
FCC ID:	WVS-CR11-J01	
Software Version:	N/A	
Hardware Version:	N/A	
Data Cable:	N/A	
Simple Hands-free (SHF)	N/A	
Power Supply:	3.7 Vdc re-chargeable battery or 5Vdc by AC/DC power adapter	
	Adapter:	N/A

GSM and CDMA:

	Operating Frequency			Rated Power
Cellular Phone Standards Frequency Range and Power:	CDMA2000 Cellular	TX:	824.70-848.31 MHz	24.5 dBm
		RX:	869.70-893.31 MHz	
	GSM/GPRS 900, Class 10	880.2MHz – 914.8MHz		33 dBm
	GSM/GPRS 1800, Class 10	1710.2MHz-1784.8MHz		30 dBm
	GSM/GPRS 1900, Class 10	1850.2MHz – 1909.8MHz		29 dBm
IMEI:	9900000256742030			

Final Amplifier Voltage and Current Information:

Test Mode	DC voltage (V)	DC current (mA)
CDMA2000 Cellular	5.0Vdc	980

Bluetooth:

Frequency Range:	2402 – 2480MHz
Bluetooth Version:	V2.1 + EDR (GFSK + π/4DQPSK + 8DPSK)
Channel number:	79 channels
Transmit Power:	3.45 dBm (Peak)
Modulation type:	Frequency Hopping Spread Spectrum
Antenna Designation:	Monopole Antenna / antenna gain: 1.55dBi

The EUT is compliance with Bluetooth 2.1 + EDR Standard.

FeliCa Receive Frequency:	13.56MHz

The FeliCa only support receiving function.

1.2 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for **FCC ID: WVS-CR11-J01** filing to comply with Part15 Subpart B, class B of the FCC CFR 47 Rules.

1.3 Test Methodology

Both conducted and radiated testing was performed according to the procedures in ANSI C63.4 (2003). Radiated testing was performed at an antenna to EUT distance 3 meters.

1.4 Test Facility

The measurement facilities used to collect the 3m Radiated Emission and AC power line conducted data are located on the address of SGS Taiwan Ltd. Electronics & Communication Laboratory No. 134, Wu Kung Rd., Wuku Industrial Zone, Taipei Country, Taiwan which are constructed and calibrated to meet the FCC requirements in documents ANSI C63.4: 2003. FCC Registration Number are: 990257 and 236194, Canada Registration Number: 4620A-1

The 10 m Open Area Test Sites located on the address of SGS Taiwan Ltd. Electronics & Communication Laboratory No. 29, Pau-Tou-Tsuo Valley Chia-Pau Tsuen, Linkou Hsiang, Taipei county, which is constructed and calibrated to meet the CISPR 22/EN 55022 requirements. SGS Site No. 1(3 &10 meters) and FCC Registration Number: 94644

1.5 Special Accessories

Not available for this EUT intended for grant.

1.6 Equipment Modifications

Not available for this EUT intended for grant.

2. System Test Configuration

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The EUT was operated in the normal continuous transmitting.

2.3 Test Procedure

2.3.1 Conducted Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. According to the requirements in Section 7 of ANSI C63.4-2003. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode.

2.3.2 Radiated Emissions

The EUT is placed on a turn table which is 0.8 m above ground plane. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter(EUT) was rotated through three orthogonal axes according to the requirements in Section 8 of ANSI C63.4-2003.

2.4 Limitation

(1) Conducted Emission

According to section 15.107(a), Conducted Emission Class B Limits is as following.

Frequency range MHz	Class B Limits dB (uV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50
Note 1.The lower limit shall apply at the transition frequencies 2.The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.		

(2) Radiated Emission

According to section 15.109(a), Radiated Emission Class B Limits is as following:

Frequency (MHz)	Field strength μV/m	Distance (m)	Field strength at 3m dBμV/m
30-88	100	3	40
88-216	150	3	43.5
216-960	200	3	46
Above 960	500	3	54

Standard	Date	Description
EN55022	2006	Limits and methods of measurement of radio interference characteristics of information technology equipment.

EN55022 Limit:

Frequency range MHz	Limits dBuV/m (10m) Quasi-peak
30 to 230	30
230 to 1000	37

Remark: 1. Emission level in dBuV/m=20 log (uV/m)
2. Measurement was performed at an antenna to the closed point of EUT distance of 3 meters.

2.5 Configuration of Tested System

Fig. 2-1 Configuration of Tested System (config 1,3)

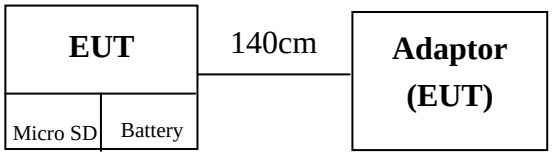


Fig. 2-2 Configuration of Tested System (config 2)

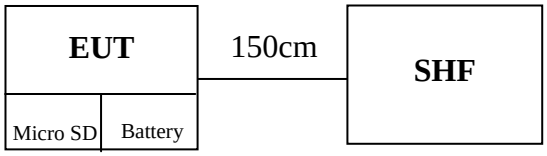


Fig. 2-3 Configuration of Tested System (config 4)

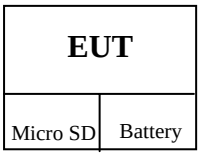
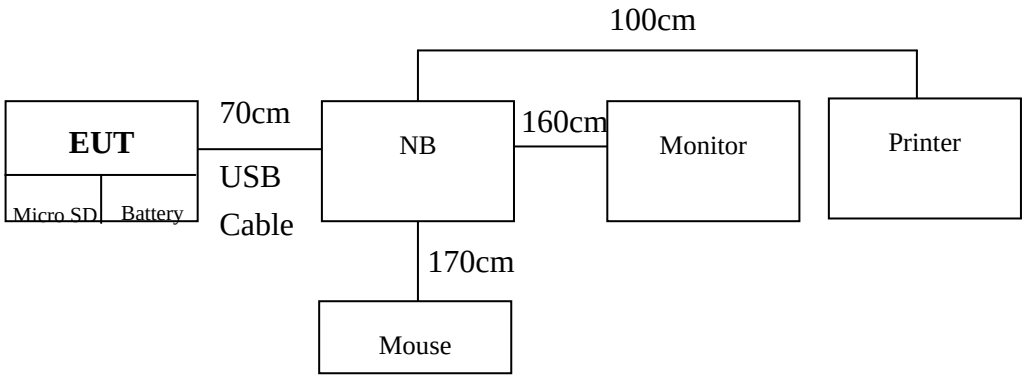


Fig. 2-4 Configuration of Tested System (config 5)



Model config refer to section 4 for detail

Table 2-1 Support Equipment Used in Tested System

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	FCC ID	Data Cable	Power Cord
1.	Micro SD	SanDisk	N/A	N/A	N/A	N/A	N/A
2.	Notebook	IBM	R61	L3A9050	N/A	N/A	Un-shielded
3.	Monitor	HP	HSTND-2F02	CND7122S7B	N/A	Shielded 160cm	Un-shielded
4.	Mouse	HP	MO42KOA	0307012110	N/A	Un-Shielded 170cm	N/A
5.	Printer	HP	DJ3820	CN34L181B1	N/A	Shielded 100cm	Un-shielded
6.	SHF	N/A	N/A	N/A	N/A	Un-shielded 150cm	N/A
7.	Adaptor	MITSUMI ELECTRIC	0203PQA	N/A	N/A	N/A	Un-shielded, 140cm
8.	USB Cable	N/A	N/A	N/A	N/A	Un-shielded 70cm	N/A

3. Summary of Test Results

FCC Rules	Description Of Test	Result
§15.107	Conducted Emission Class B	Compliant
§15.109	Radiated Emission Class B	Compliant

4. Description of test modes

The EUT was stayed in normal operation mode.

The data cable was connected to notebook PC and data transferred by program.

Test Plan:

CR11-J01	Config 1	Config 2	Config 3	Config 4	Config 5
Applicable standard (FCC)	**Part 15B**				
Accessories	UE + Battery + AC Adaptor	UE + Battery + SHF	UE + Battery + AC Adaptor	UE + Battery	UE + Battery+ Data cable
Description	Audio		Video		Data link
radiated emission	Play 1KHz	Play 1KHz	Camera REC	Camera REC	Data link
conducted emission (AC Power)	Play 1KHz	N/A	Camera REC	N/A	Data link

5. Conducted Emissions Test

5.1 Measurement Procedure:

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured were complete.

5.2 Test SET-UP (Block Diagram of Configuration)

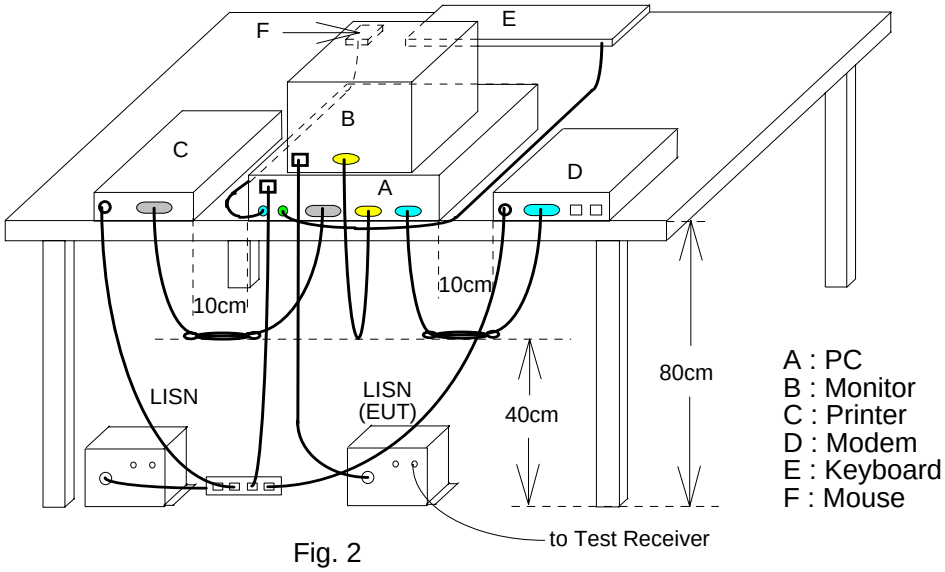


Fig. 2

5.3 Measurement Equipment Used:

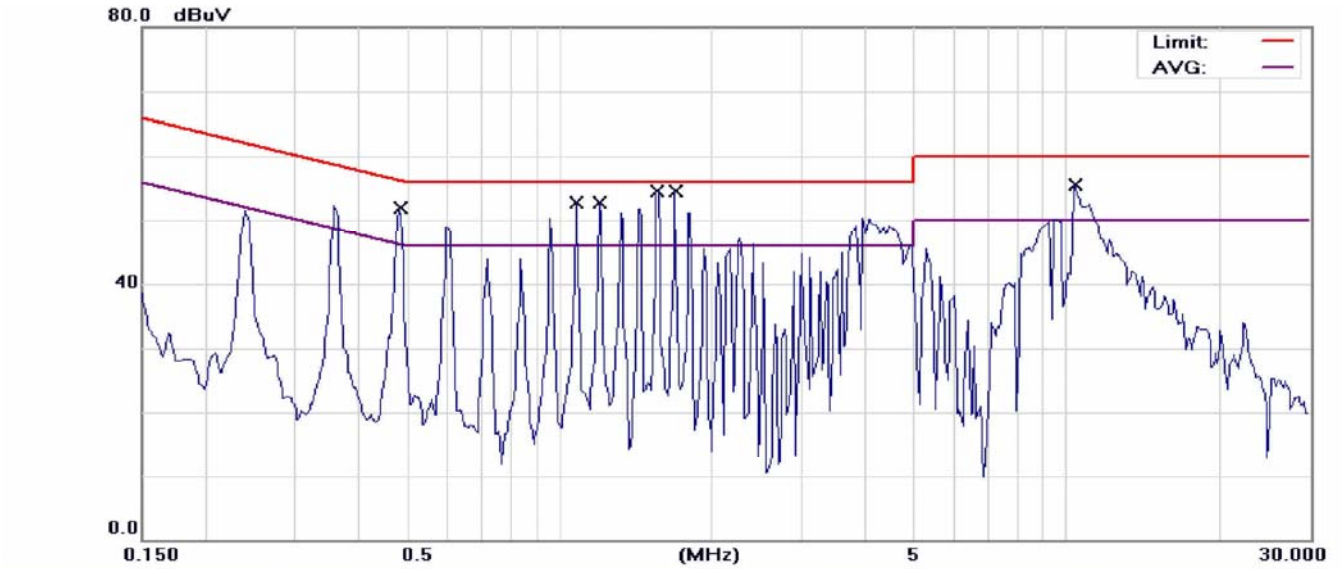
Conducted Emission Test Site					
EQUIPMENT TYPE	**MFR**	**MODEL NUMBER**	**SERIAL NUMBER**	**LAST CAL.**	**CAL DUE.**
EMI Test Receiver	R&S	ESCS30	828985/004	09/15/2009	09/14/2010
LISN	Rolf-Heine	NNB-2/16Z	99012	02/02/2010	02/01/2011
LISN	FCC	FCC-LISN-50/250-25-2-01	04034	02/02/2010	02/01/2011
Coaxial Cables	N/A	WK CE Cable	N/A	11/28/2009	11/27/2010

5.4 Measurement Result

The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range. Significant peaks are then marked as shown on the following data page, and these signals are then quasi-peaked.

AC POWER LINE CONDUCTED EMISSION TEST DATA

Operation Mode:	Config 1	Test Date:	Mar. 08, 2010
		Test By:	Nick

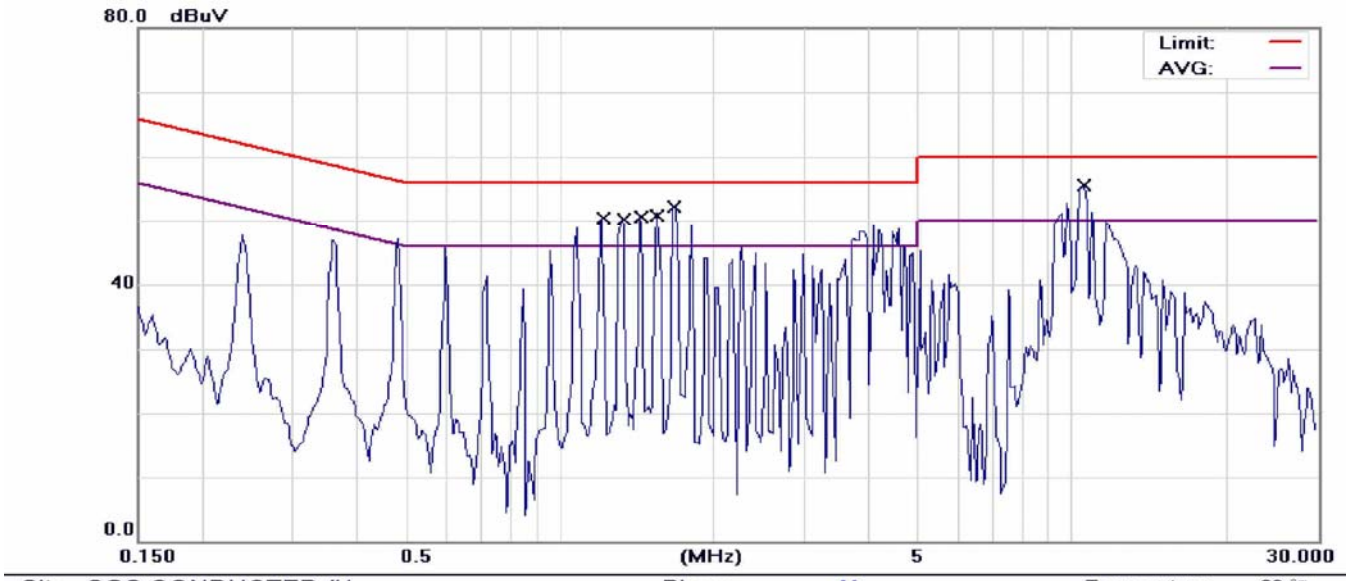


Site SGS CONDUCTED #1
Limit: FCC Class B Conduction(QP)
EUT: Molibe Phone
M/N: KD51
Note: Play 1KHz _config1
IMEI : 990000256742030

Phase: L1
Power: AC 120V/60Hz
Distance:

Temperature: 23 ℃
Humidity: 56 %
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.4839	45.24	0.07	45.31	56.27	-10.96	QP	
2		0.4839	34.99	0.07	35.06	46.27	-11.21	AVG	
3		1.0830	45.44	0.09	45.53	56.00	-10.47	QP	
4		1.0830	34.34	0.09	34.43	46.00	-11.57	AVG	
5		1.1960	41.01	0.10	41.11	56.00	-14.89	QP	
6		1.1960	32.90	0.10	33.00	46.00	-13.00	AVG	
7		1.5653	47.33	0.11	47.44	56.00	-8.56	QP	
8		1.5653	33.00	0.11	33.11	46.00	-12.89	AVG	
9	*	1.6867	48.04	0.12	48.16	56.00	-7.84	QP	
10		1.6867	33.26	0.12	33.38	46.00	-12.62	AVG	
11		10.3436	45.35	0.43	45.78	60.00	-14.22	QP	
12		10.3436	26.29	0.43	26.72	50.00	-23.28	AVG	

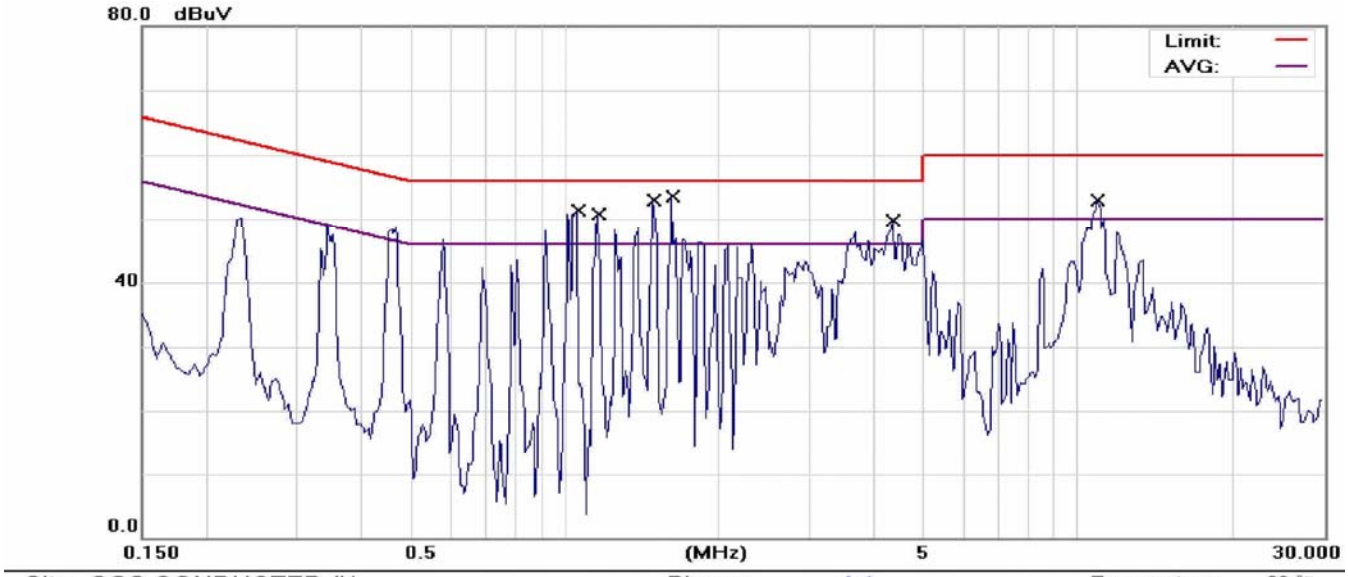


Site SGS CONDUCTED #1	Phase: N	Temperature: 23 ℃
Limit: FCC Class B Conduction(QP)	Power: AC 120V/60Hz	Humidity: 56 %
EUT: Molibe Phone	Distance:	Air Pressure: hpa
M/N: KD51		
Note: Play 1KHz _config1		
IMEI : 990000256742030		

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		1.2113	46.89	0.13	47.02	56.00	-8.98	QP	
2		1.2113	32.88	0.13	33.01	46.00	-12.99	AVG	
3		1.3251	45.99	0.13	46.12	56.00	-9.88	QP	
4		1.3251	32.25	0.13	32.38	46.00	-13.62	AVG	
5		1.4459	45.87	0.13	46.00	56.00	-10.00	QP	
6		1.4459	31.19	0.13	31.32	46.00	-14.68	AVG	
7		1.5639	44.95	0.14	45.09	56.00	-10.91	QP	
8		1.5639	25.48	0.14	25.62	46.00	-20.38	AVG	
9	*	1.6890	47.34	0.14	47.48	56.00	-8.52	QP	
10		1.6890	31.25	0.14	31.39	46.00	-14.61	AVG	
11		10.5016	46.77	0.45	47.22	60.00	-12.78	QP	
12		10.5016	21.28	0.45	21.73	50.00	-28.27	AVG	

AC POWER LINE CONDUCTED EMISSION TEST DATA

Operation Mode:	Config 3	Test Date:	Mar. 08, 2010
		Test By:	Nick

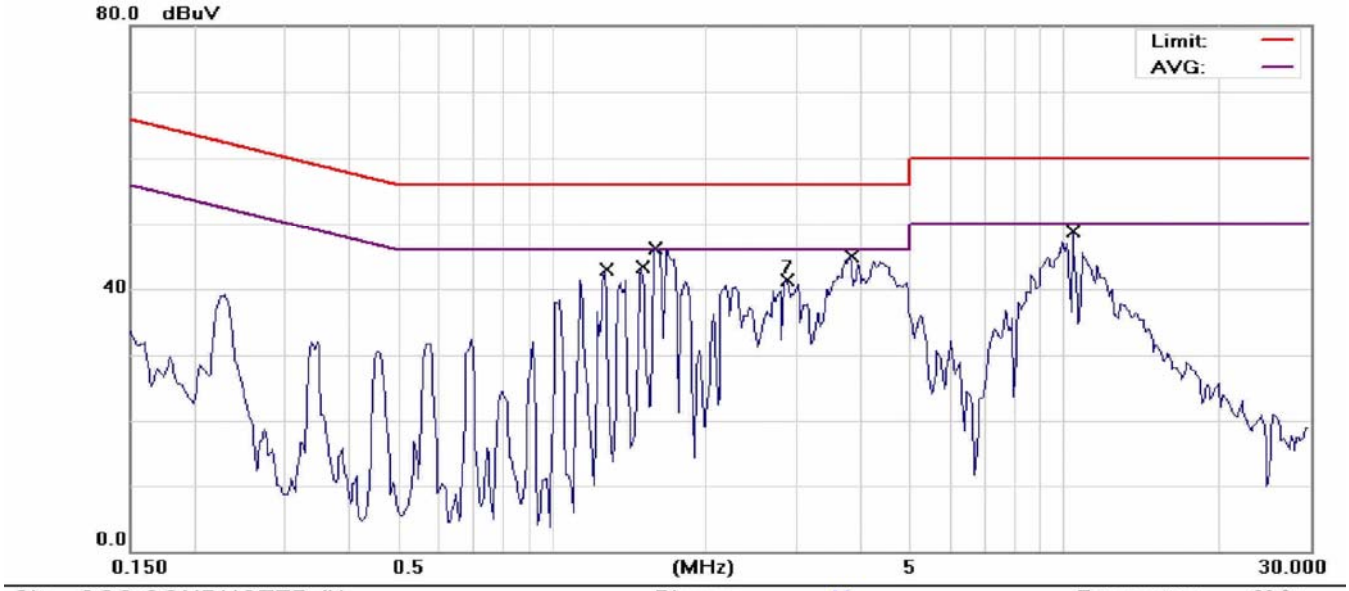


Site SGS CONDUCTED #1
Limit: FCC Class B Conduction(QP)
EUT: Molibe Phone
M/N: KD51
Note: Camera REC _config3
IMEI : 990000256742030

Phase: L1
Power: AC 120V/60Hz
Distance:

Temperature: 23 ℃
Humidity: 56 %
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		1.0577	35.24	0.09	35.33	56.00	-20.67	QP	
2		1.0577	19.29	0.09	19.38	46.00	-26.62	AVG	
3		1.1576	37.47	0.10	37.57	56.00	-18.43	QP	
4		1.1576	23.21	0.10	23.31	46.00	-22.69	AVG	
5		1.4863	38.85	0.11	38.96	56.00	-17.04	QP	
6		1.4863	23.38	0.11	23.49	46.00	-22.51	AVG	
7	*	1.6168	41.57	0.11	41.68	56.00	-14.32	QP	
8		1.6168	25.23	0.11	25.34	46.00	-20.66	AVG	
9		4.3638	37.70	0.16	37.86	56.00	-18.14	QP	
10		4.3638	18.68	0.16	18.84	46.00	-27.16	AVG	
11		10.9144	37.75	0.42	38.17	60.00	-21.83	QP	
12		10.9144	22.28	0.42	22.70	50.00	-27.30	AVG	



Site SGS CONDUCTED #1
Limit: FCC Class B Conduction(QP)
EUT: Molibe Phone
M/N: KD51
Note: Camera REC _config3
IMEI : 990000256742030

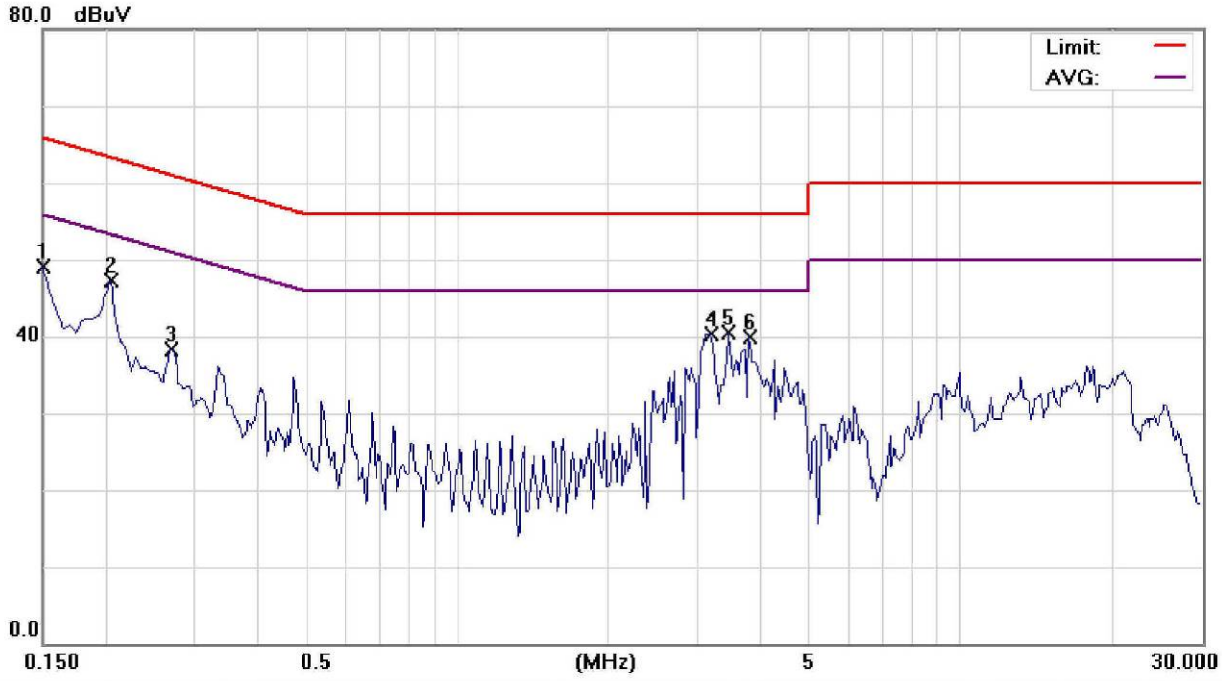
Phase: N
Power: AC 120V/60Hz
Distance:

Temperature: 23 ℃
Humidity: 56 %
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		1.2677	38.61	0.13	38.74	56.00	-17.26	QP	
2		1.2677	25.68	0.13	25.81	46.00	-20.19	AVG	
3		1.4953	38.61	0.14	38.75	56.00	-17.25	QP	
4		1.4953	24.52	0.14	24.66	46.00	-21.34	AVG	
5	*	1.5869	41.83	0.14	41.97	56.00	-14.03	QP	
6		1.5869	22.66	0.14	22.80	46.00	-23.20	AVG	
7		2.8800	41.21	0.16	41.37	56.00	-14.63	peak	
8		3.8151	39.08	0.17	39.25	56.00	-16.75	QP	
9		3.8151	20.02	0.17	20.19	46.00	-25.81	AVG	
10		10.3978	42.04	0.45	42.49	60.00	-17.51	QP	
11		10.3978	28.07	0.45	28.52	50.00	-21.48	AVG	

AC POWER LINE CONDUCTED EMISSION TEST DATA

Operation Mode:	Config 5	Test Date:	Mar. 08, 2010
		Test By:	Nick

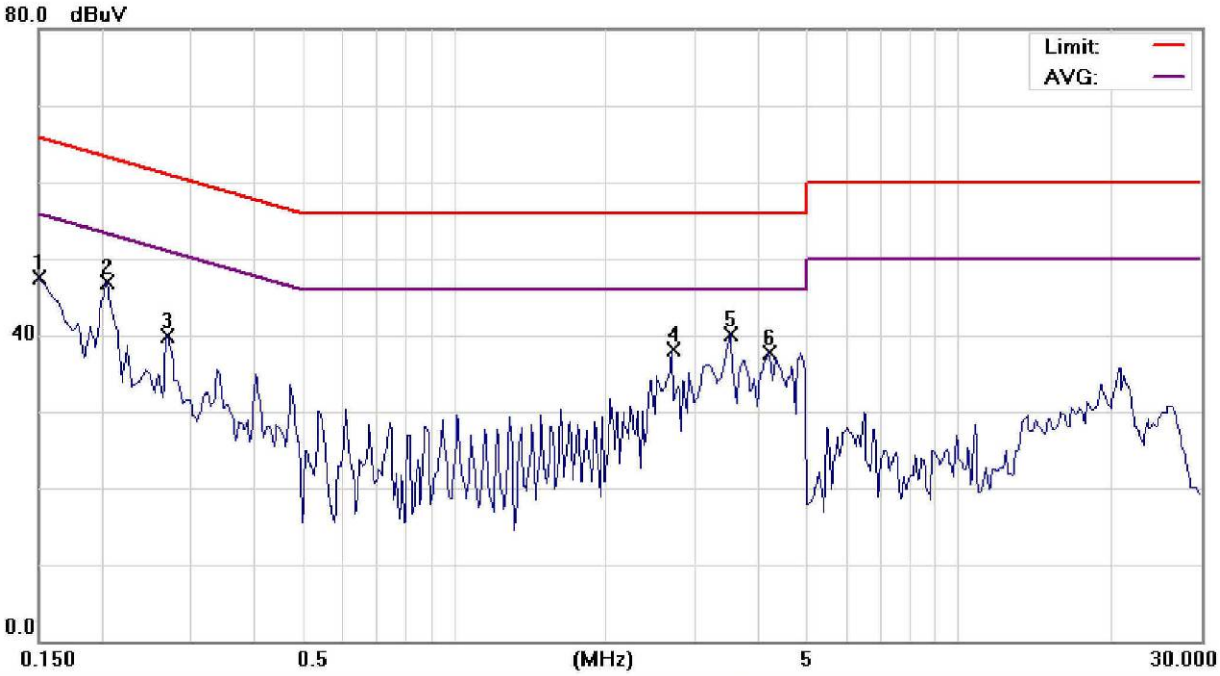


Site SGS CONDUCTED #1
Limit: FCC Class B Conduction(QP)
EUT: Mobile Phone
M/N: KD51
Note: Data link _config5
IMEI : 990000256742030

Phase: L1
Power: AC 120V/60Hz
Distance:

Temperature: 23 ℃
Humidity: 58 %
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	48.90	0.12	49.02	66.00	-16.98	peak	
2		0.2050	47.17	0.10	47.27	63.41	-16.14	peak	
3		0.2700	38.20	0.10	38.30	61.12	-22.82	peak	
4		3.2000	40.25	0.14	40.39	56.00	-15.61	peak	
5	*	3.4700	40.28	0.14	40.42	56.00	-15.58	peak	
6		3.8000	39.69	0.15	39.84	56.00	-16.16	peak	



Site SGS CONDUCTED #1
Limit: FCC Class B Conduction(QP)
EUT: Mobile Phone
M/N: KD51
Note: Data link _config5
IMEI : 990000256742030

Phase: N
Power: AC 120V/60Hz
Distance:

Temperature: 23 ℃
Humidity: 58 %
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	47.27	0.14	47.41	66.00	-18.59	peak	
2		0.2050	46.87	0.12	46.99	63.41	-16.42	peak	
3		0.2700	39.80	0.12	39.92	61.12	-21.20	peak	
4		2.7200	37.85	0.16	38.01	56.00	-17.99	peak	
5	*	3.5300	39.95	0.17	40.12	56.00	-15.88	peak	
6		4.2100	37.54	0.17	37.71	56.00	-18.29	peak	

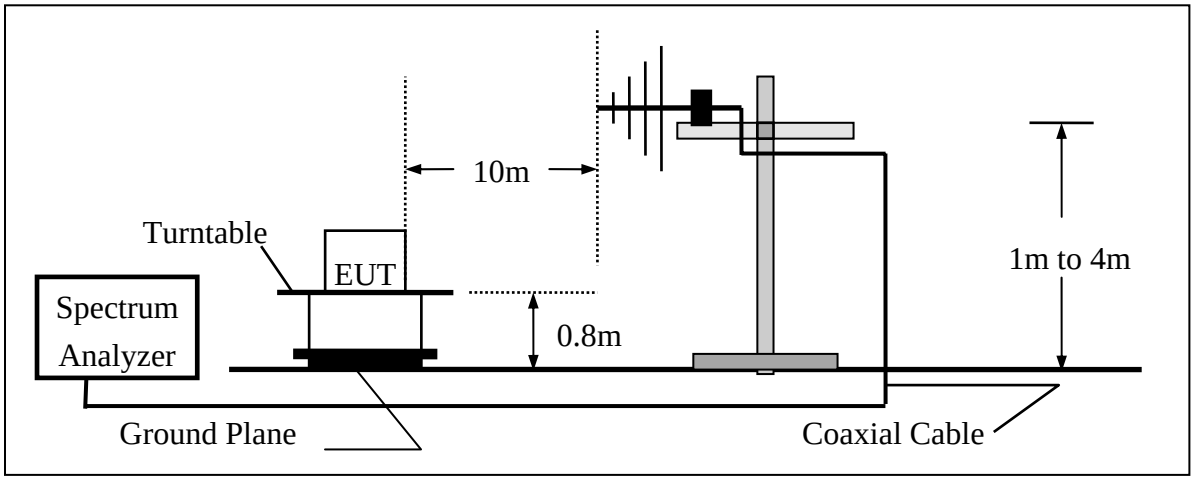
6. Radiated Emission Test

6.1 Measurement Procedure

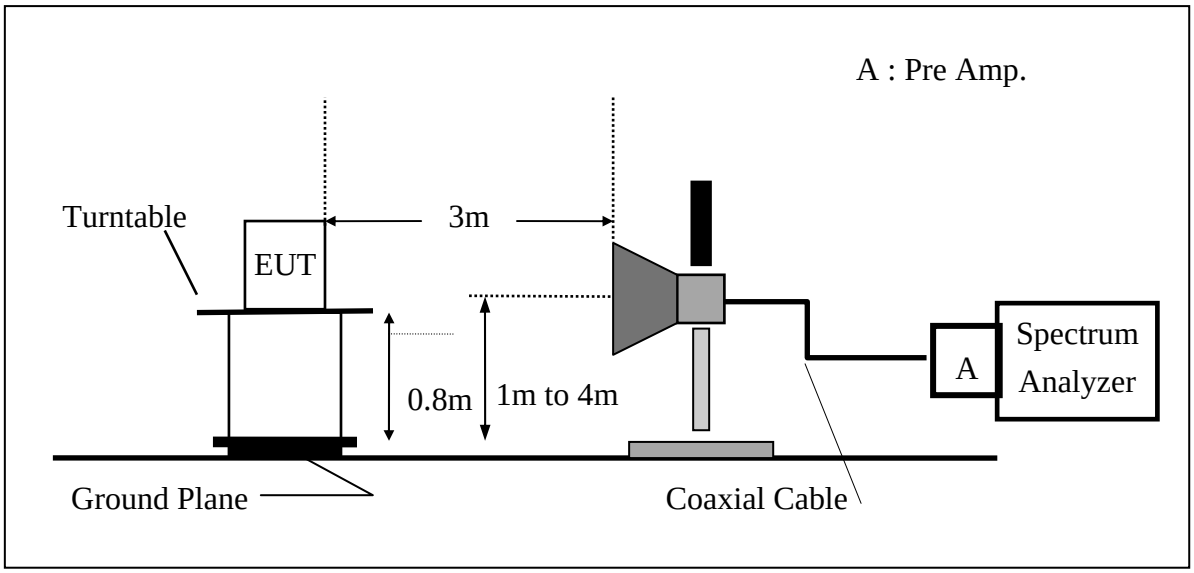
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measured were complete.

6.2 Test SET-UP (Block Diagram of Configuration)

(A) Radiated Emission Test Set-Up, Frequency Below 1000MHz



(B) Radiated Emission Test Set-UP Frequency Over 1 GHz



6.3 Measurement Equipment Used:

10m Open Area Test Site					
EQUIPMENT TYPE	**MFR**	**MODEL NUMBER**	**SERIAL NUMBER**	**LAST CAL.**	**CAL DUE.**
EMI Test Receiver	R&S	ESCI	100335	02/05/2010	02/04/2011
RF-Amplifier	Agilent	8447D	2944A09469	11/30/2010	11/29/2011
Broadband Antenna	SCHWAZBECK	VULB9160	9160-3224	03/11/2010	03/02/2011
Turn Table	HD	DT420	420/542	N/A	N/A
Antenna Master	HD	MA 240	240/515	N/A	N/A
Controller	HD	HD 100	100/589	N/A	N/A
Low Loss Cable	N/A	OS RE Cable	N/A	11/30/2009	11/29/2010

966 Chamber					
EQUIPMENT TYPE	**MFR**	**MODEL NUMBER**	**SERIAL NUMBER**	**LAST CAL.**	**CAL DUE.**
Spectrum Analyzer	R&S	FSP 40	100034	02/12/2010	02/11/2011
Bilog Antenna	SCHWAZBECK	VULB9160	3136	09/15/2009	09/14/2010
Horn antenna	SCHWAZBECK	BBHA 9120D	9120D-673	05/09/2008	05/08/2010
Pre-Amplifier	Agilent	8447D	1937A02834	11/28/2009	11/27/2010
Pre-Amplifier	Agilent	8449B	3008A01973	01/05/2010	01/04/2011
Turn Table	HD	DT420	N/A	N.C.R	N.C.R
Antenna Tower	HD	MA240-N	240/657	N.C.R	N.C.R
Controller	HD	HD100	N/A	N.C.R	N.C.R
Low Loss Cable	HUBER+SUHNER	SUCOFLEX 104PEA-10M	10m	01/05/2010	01/04/2011
Low Loss Cable	HUBER+SUHNER	SUCOFLEX 104PEA-3M	3m	01/05/2010	01/04/2011

6.4 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

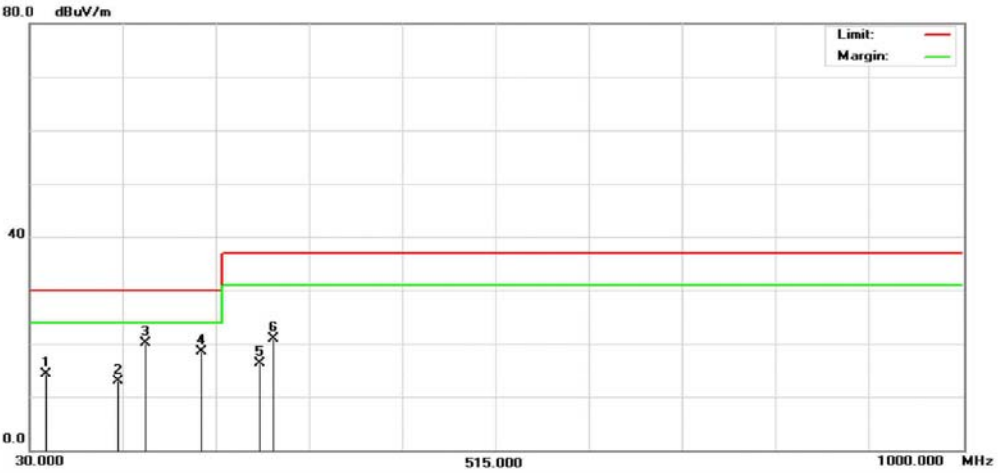
FS = RA + AF + CL - AG

Where	FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
	RA = Reading Amplitude	AG = Amplifier Gain
	AF = Antenna Factor	

6.5 Measurement Result (below 1G)

Test Mode: Config 1 Test Date : Mar. 08, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 10M Open Site
Limit: CISPR22/CISPR11/EN55022 Class B 10m
EUT: Mobilephone
M/N: KD51
Note: Play 1KHz_config 1
IMEI : 990000256742030

Polarization: *Vertical*
Power: DC3.7V
Distance: 10m

Temperature: 24 ℃
Humidity: 58%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		46.9750	37.53	-23.25	14.28	30.00	-15.72	QP	
2		122.1500	31.96	-19.02	12.94	30.00	-17.06	QP	
3	*	151.2500	35.59	-15.40	20.19	30.00	-9.81	QP	
4		209.4500	35.96	-17.47	18.49	30.00	-11.51	QP	
5		270.0750	31.86	-15.63	16.23	37.00	-20.77	QP	
6		284.6250	36.31	-15.48	20.83	37.00	-16.17	QP	

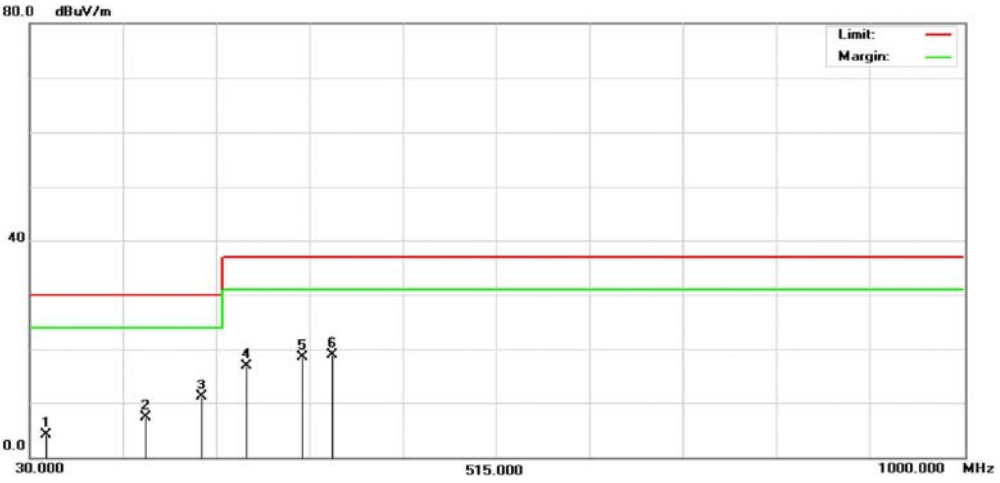
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

Test Mode: Config 1 Test Date : Mar. 08, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 10M Open Site
Limit: CISPR22/CISPR11/EN55022 Class B 10m
EUT: Mobilephone
M/N: KD51
Note: Play 1KHz_config 1
IMEI : 990000256742030

Polarization: *Horizontal*
Power: DC3.7V
Distance: 10m

Temperature: 24 ℃
Humidity: 58%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		46.9750	27.54	-23.52	4.02	30.00	-25.98	QP	
2		151.2500	30.44	-23.11	7.33	30.00	-22.67	QP	
3		209.4500	33.63	-22.59	11.04	30.00	-18.96	QP	
4		255.5250	38.40	-21.52	16.88	37.00	-20.12	QP	
5		313.7250	37.81	-19.40	18.41	37.00	-18.59	QP	
6	*	345.2500	38.76	-19.95	18.81	37.00	-18.19	QP	

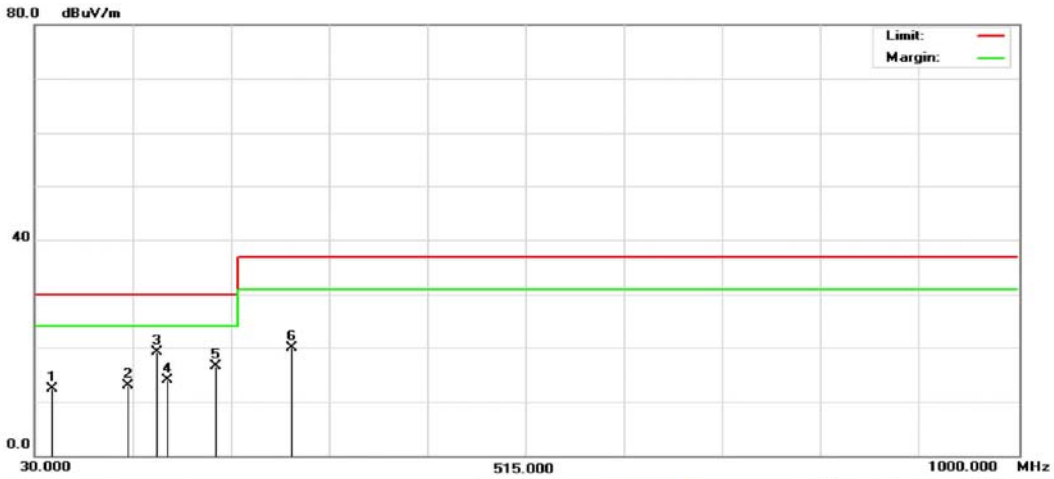
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

Test Mode: Config 2 Test Date : Mar. 08, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 10M Open site
Limit: CISPR22/CISPR11/EN55022 Class B 10m
EUT: Mobilephone
M/N: KD51
Note: Play 1KHz_config2
IMEI : 990000256742030

Polarization: Vertical
Power: DC3.7V
Distance: 10m

Temperature: 24 ℃
Humidity: 58%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		46.9750	35.53	-23.25	12.28	30.00	-17.72	QP	
2		122.1500	31.96	-19.02	12.94	30.00	-17.06	QP	
3	*	151.2500	34.59	-15.40	19.19	30.00	-10.81	QP	
4		160.9500	29.40	-15.52	13.88	30.00	-16.12	QP	
5		209.4500	33.96	-17.47	16.49	30.00	-13.51	QP	
6		284.6250	35.31	-15.48	19.83	37.00	-17.17	QP	

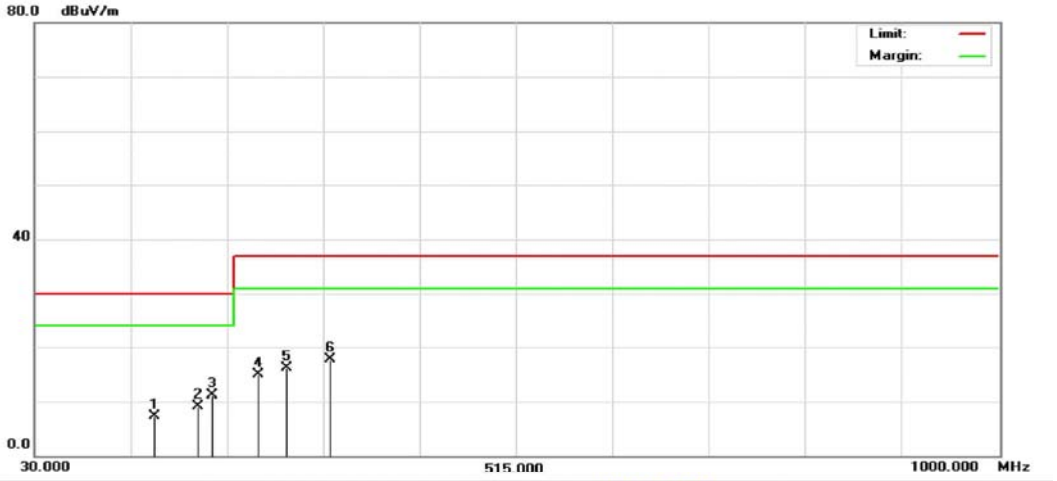
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

Test Mode: Config 2 Test Date : Mar. 08, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 10M Open site
Limit: CISPR22/CISPR11/EN55022 Class B 10m
EUT: Mobilephone
M/N: KD51
Note: Play 1KHz_config 2
IMEI : 990000256742030

Polarization: *Horizontal*
Power: DC3.7V
Distance: 10m

Temperature: 24 ℃
Humidity: 58%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		151.2500	30.44	-23.11	7.33	30.00	-22.67	QP	
2		194.9000	32.05	-22.88	9.17	30.00	-20.83	QP	
3	*	209.4500	33.63	-22.59	11.04	30.00	-18.96	QP	
4		255.5250	36.40	-21.52	14.88	37.00	-22.12	QP	
5		284.6250	36.59	-20.57	16.02	37.00	-20.98	QP	
6		328.2750	37.22	-19.60	17.62	37.00	-19.38	QP	

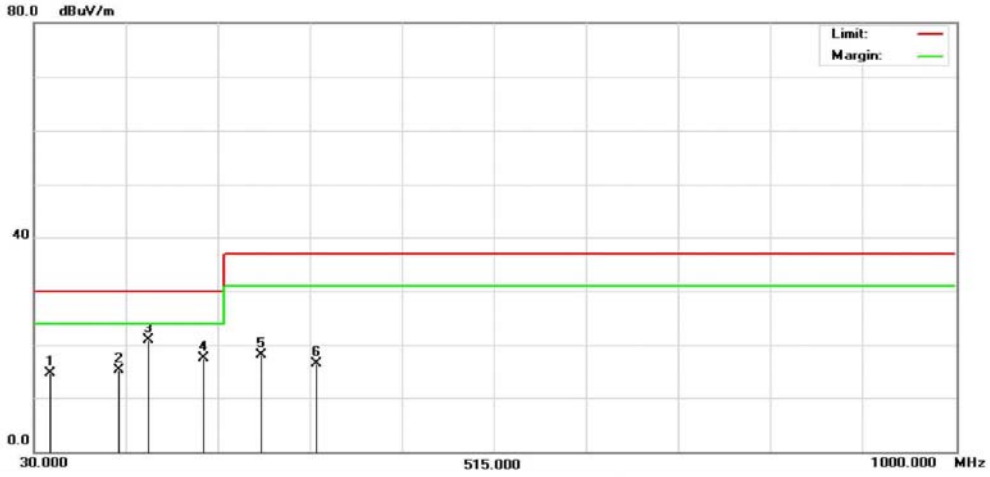
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

Test Mode: Config 3 Test Date : Mar. 08, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 10M Open Site
Limit: CISPR22/CISPR11/EN55022 Class B 10m
EUT: Mobilephone
M/N: KD51
Note: Camera REC _config 3
IMEI : 990000256742030

Polarization: *Vertical*
Power: DC3.7V
Distance: 10m

Temperature: 24 ℃
Humidity: 58%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		46.9750	37.95	-23.25	14.70	30.00	-15.30	QP	
2		119.7250	34.31	-19.07	15.24	30.00	-14.76	QP	
3	*	151.2500	36.24	-15.40	20.84	30.00	-9.16	QP	
4		209.4500	35.03	-17.47	17.56	30.00	-12.44	QP	
5		270.0750	33.67	-15.63	18.04	37.00	-18.96	QP	
6		328.2750	32.03	-15.58	16.45	37.00	-20.55	QP	

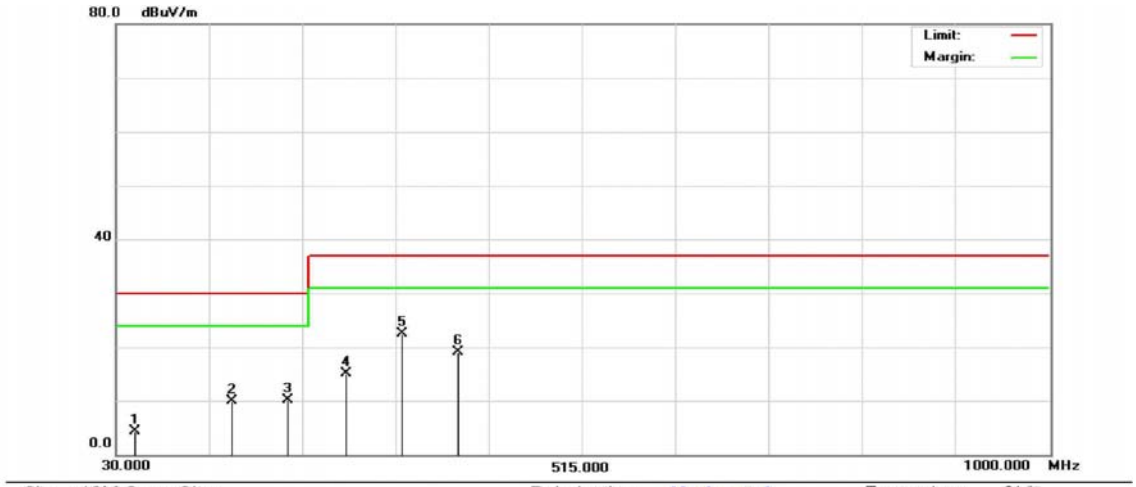
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

Test Mode: Config 3 Test Date : Mar. 08, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 10M Open Site
Limit: CISPR22/CISPR11/EN55022 Class B 10m
EUT: Mobilephone
M/N: KD51
Note: Camera REC _config 3
IMEI : 990000256742030

Polarization: *Horizontal*
Power: DC3.7V
Distance: 10m

Temperature: 24 ℃
Humidity: 58%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		49.4000	28.32	-23.93	4.39	30.00	-25.61	QP	
2		151.2500	33.01	-23.11	9.90	30.00	-20.10	QP	
3		209.4500	32.61	-22.59	10.02	30.00	-19.98	QP	
4		270.0750	36.12	-20.99	15.13	37.00	-21.87	QP	
5	*	328.2750	42.01	-19.60	22.41	37.00	-14.59	QP	
6		386.4750	38.78	-19.69	19.09	37.00	-17.91	QP	

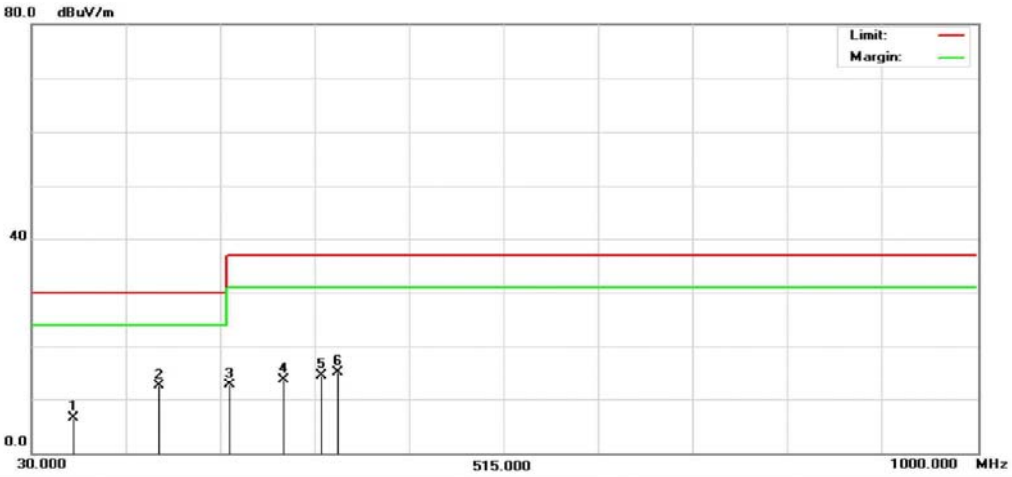
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

Test Mode: Config 4 Test Date : Mar. 08, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 10M Open Site
Limit: CISPR22/CISPR11/EN55022 Class B 10m
EUT: Mobilephone
M/N: KD51
Note: Camera REC _config 4
IMEI : 990000256742030

Polarization: *Vertical*
Power: DC3.7V
Distance: 10m

Temperature: 24 ℃
Humidity: 58%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		73.6500	27.08	-20.57	6.51	30.00	-23.49	QP	
2	*	160.9500	28.01	-15.52	12.49	30.00	-17.51	QP	
3		233.7000	29.32	-16.52	12.80	37.00	-24.20	QP	
4		289.4750	28.78	-15.13	13.65	37.00	-23.35	QP	
5		328.2750	30.10	-15.58	14.52	37.00	-22.48	QP	
6		345.2500	30.77	-15.67	15.10	37.00	-21.90	QP	

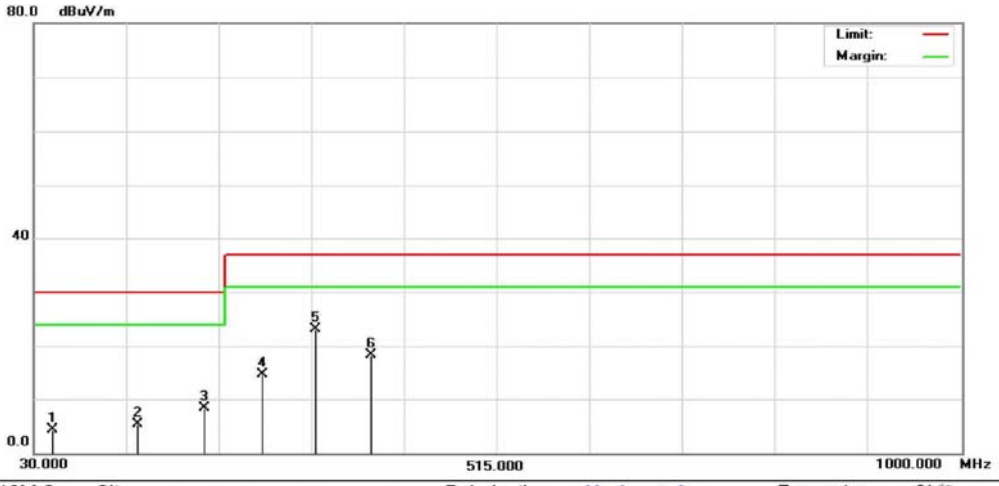
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

Test Mode: Config 4 Test Date : Mar. 08, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 10M Open Site
Limit: CISPR22/CISPR11/EN55022 Class B 10m
EUT: Mobilephone
M/N: KD51
Note: Camera REC _config 4
IMEI : 990000256742030

Polarization: *Horizontal*
Power: DC3.7V
Distance: 10m

Temperature: 24 ℃
Humidity: 58%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		49.4000	28.20	-23.93	4.27	30.00	-25.73	QP	
2		139.1250	27.63	-22.37	5.26	30.00	-24.74	QP	
3		209.4500	30.92	-22.59	8.33	30.00	-21.67	QP	
4		270.0750	35.79	-20.99	14.80	37.00	-22.20	QP	
5	*	325.8500	42.60	-19.46	23.14	37.00	-13.86	QP	
6		384.0500	38.18	-19.81	18.37	37.00	-18.63	QP	

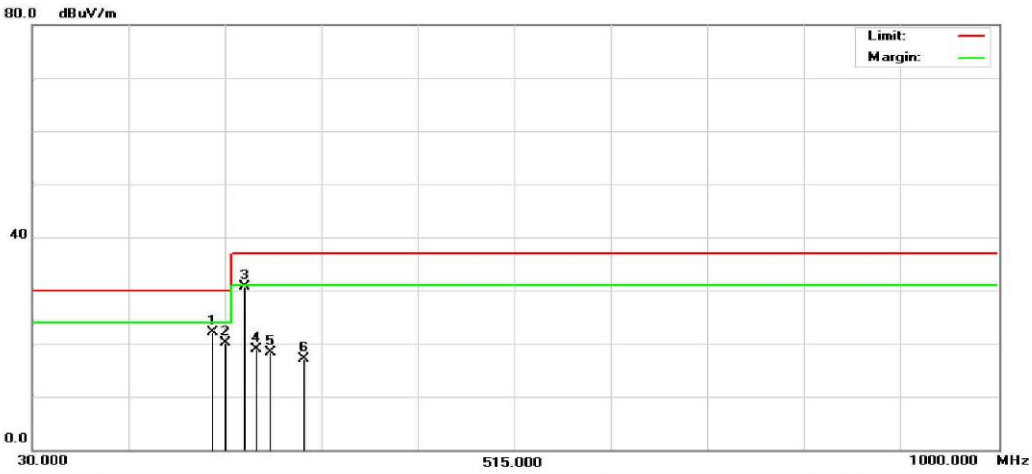
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

Test Mode: Config 5 Test Date : Mar. 08, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 10M Open Site
Limit: CISPR22/CISPR11/EN55022 Class B 10m
EUT: Mobilephone
M/N: KD51
Note: Data link _config 5
IMEI : 990000256742030

Polarization: *Vertical*
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26 ℃
Humidity: 60%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		211.8750	39.55	-17.48	22.07	30.00	-7.93	QP	
2		223.6130	36.68	-16.66	20.02	30.00	-9.98	QP	
3	*	243.4000	46.70	-15.95	30.75	37.00	-6.25	QP	
4		255.5250	34.91	-16.10	18.81	37.00	-18.19	QP	
5		270.0750	33.88	-15.63	18.25	37.00	-18.75	QP	
6		304.0250	32.00	-14.94	17.06	37.00	-19.94	QP	

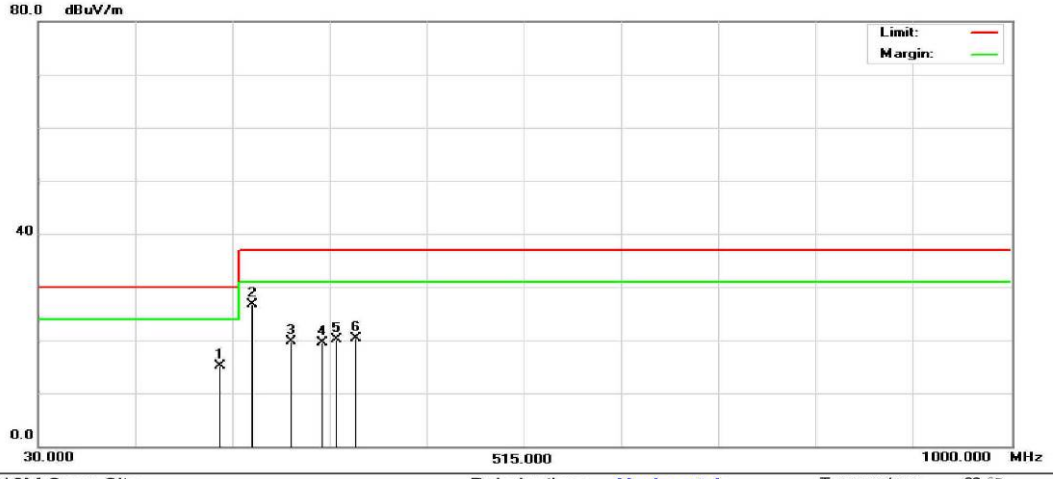
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

Test Mode: Config 5 Test Date : Mar. 08, 2010

Frequency Range: 30MHz-1GHz Test By: Nick



Site : 10M Open Site
Limit: CISPR22/CISPR11/EN55022 Class B 10m
EUT: Mobilephone
M/N: KD51
Note: Data link _config 5
IMEI : 990000256742030

Polarization: *Horizontal*
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26 ℃
Humidity: 60%
Air Pressure: hpa

No.	Mk.	Freq.	Reading Level	Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		211.8750	37.50	-22.45	15.05	30.00	-14.95	QP	
2	*	243.4000	48.49	-21.86	26.63	37.00	-10.37	QP	
3		282.2000	40.33	-20.70	19.63	37.00	-17.37	QP	
4		313.7250	38.92	-19.40	19.52	37.00	-17.48	QP	
5		328.2750	39.67	-19.60	20.07	37.00	-16.93	QP	
6		347.6750	40.16	-19.91	20.25	37.00	-16.75	QP	

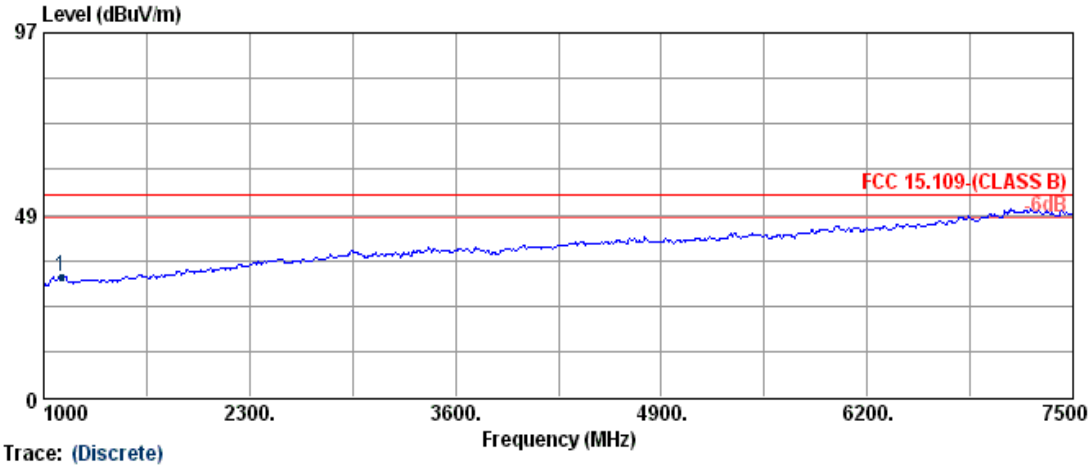
Remark：

(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

Test Mode: Config 1 Test Date : Mar. 08, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Site : RF SITE
Condition : FCC 15.109-(CLASS B) 3m BBHA9120D VERTICAL
: RBW:100.000KHz VBW:300.000KHz
Project No. : EI-2010-20006-7
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : KD51
Test Mode : Play 1KHz _config 1
Temp./Humid. : 22/58
Operator : Nick
: IMEI : 990000256742030

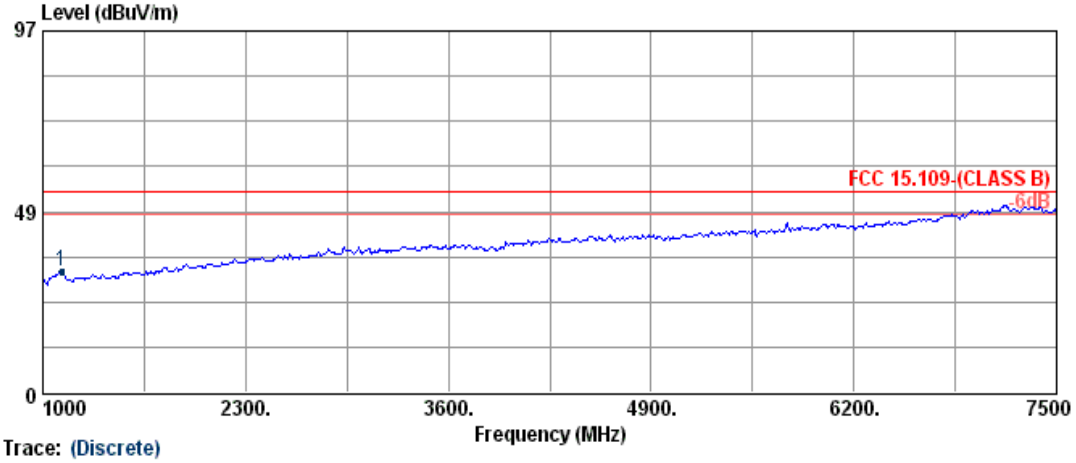
	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p	1110.50	39.60	24.38	3.40	35.47	-7.69	31.91	54.00	-22.09	Peak

Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.
(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 1 Test Date : Mar. 08, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Site : RF SITE
Condition : FCC 15.109-(CLASS B) 3m BBHA9120D HORIZONTAL
: RBW:100.000KHz VBW:300.000KHz
Project No. : EI-2010-20006-7
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : KD51
Test Mode : Play 1KHz _config 1
Temp./Humid. : 22/58
Operator : Nick
: IMEI : 990000256742030

	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p	1123.50	40.31	24.41	3.40	35.43	-7.62	32.69	54.00	-21.31	Peak

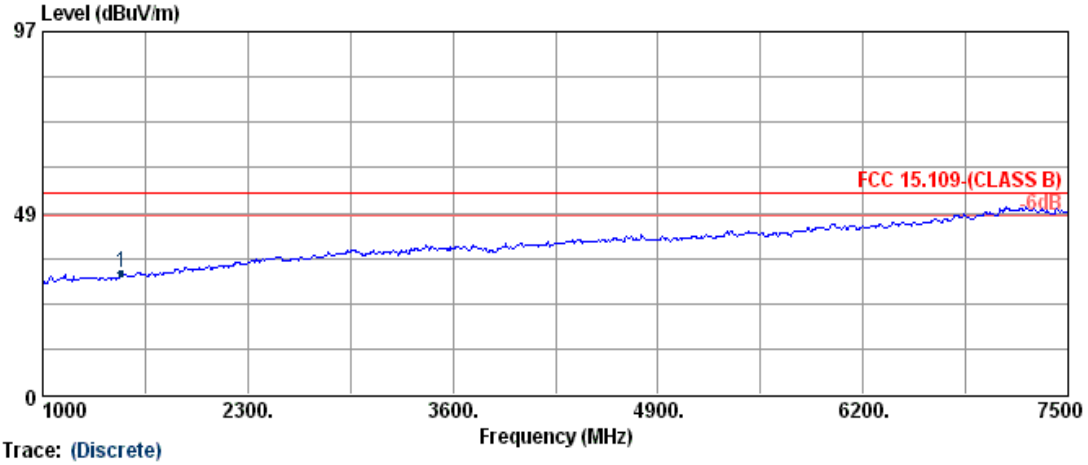
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 2 Test Date : Mar. 08, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Site : RF SITE
Condition : FCC 15.109-(CLASS B) 3m BBHA9120D VERTICAL
: RBW:100.000KHz VBW:300.000KHz
Project No. : EI-2010-20006-7
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : KD51
Test Mode : Play 1KHz _config 2
Temp./Humid. : 22/58
Operator : Nick
: IMEI : 990000256742030

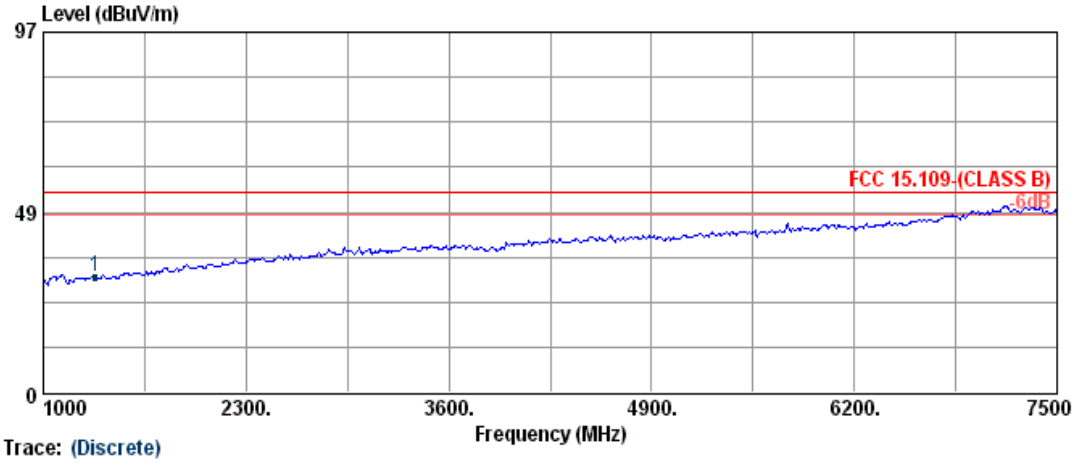
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p	1500.50	38.56	24.90	4.02	34.82	-5.90	32.66	54.00	-21.34	Peak

Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.
(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 2 Test Date : Mar. 08, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Site : RF SITE
Condition : FCC 15.109-(CLASS B) 3m BBHA9120D HORIZONTAL
: RBW:100.000KHz VBW:300.000KHz
Project No. : EI-2010-20006-7
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : KD51
Test Mode : Play 1KHz _config 2
Temp./Humid. : 22/58
Operator : Nick
: IMEI : 990000256742030

	Freq	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p	1331.50	37.98	24.70	3.75	35.11	-6.66	31.32	54.00	-22.68	Peak

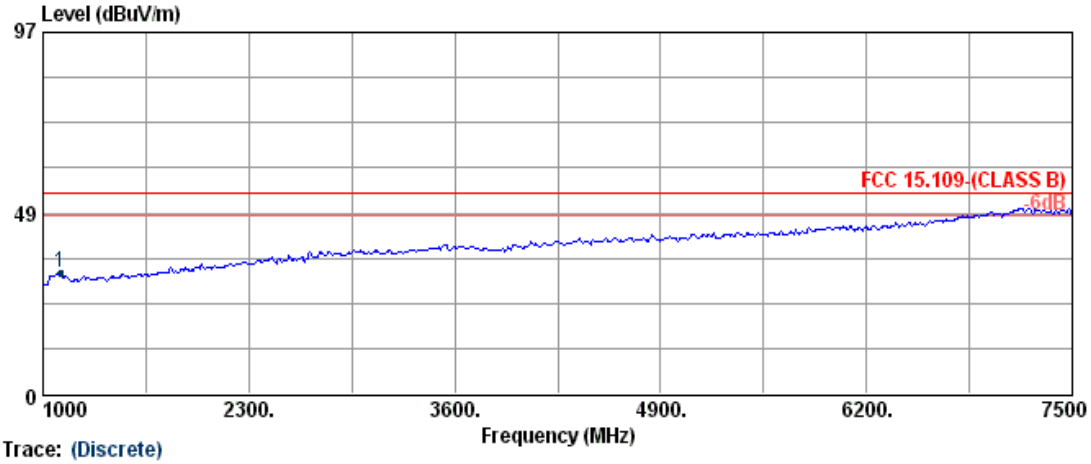
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 10GHz was 1MHz

Test Mode: Config 3 Test Date : Mar. 08, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Site : RF SITE
Condition : FCC 15.109-(CLASS B) 3m BBHA9120D VERTICAL
: RBW:100.000KHz VBW:300.000KHz
Project No. : EI-2010-20006-7
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : KD51
Test Mode : Camera REC _config 3
Temp./Humid. : 22/58
Operator : Nick
: IMEI : 990000256742030

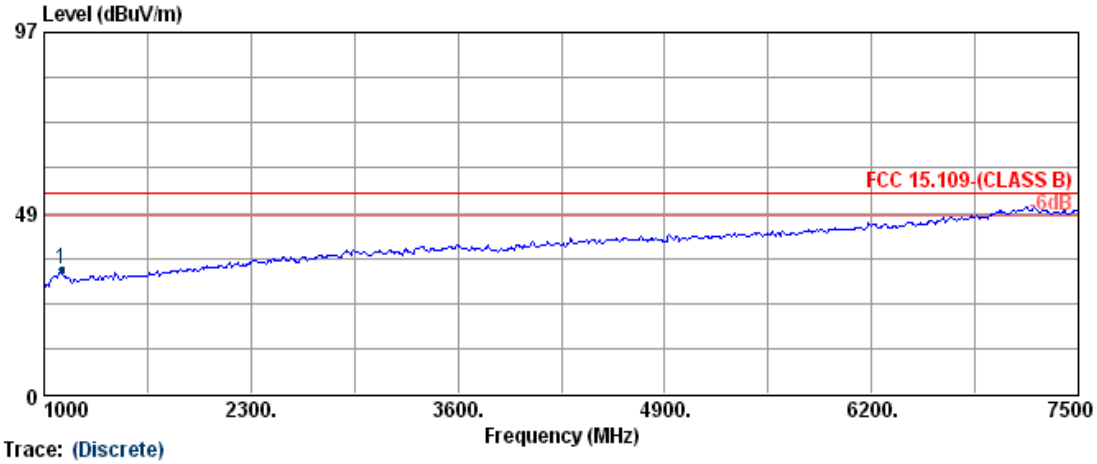
	Freq	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p	1110.50	40.17	24.38	3.40	35.47	-7.69	32.48	54.00	-21.52	Peak

Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.
(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 3 Test Date : Mar. 08, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Site : RF SITE
Condition : FCC 15.109-(CLASS B) 3m BBHA9120D HORIZONTAL
: RBW:100.000KHz VBW:300.000KHz
Project No. : EI-2010-20006-7
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : KD51
Test Mode : Camera REC _config 3
Temp./Humid. : 22/58
Operator : Nick
: IMEI : 990000256742030

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p	1110.50	41.17	24.38	3.40	35.47	-7.69	33.48	54.00	-20.52	Peak

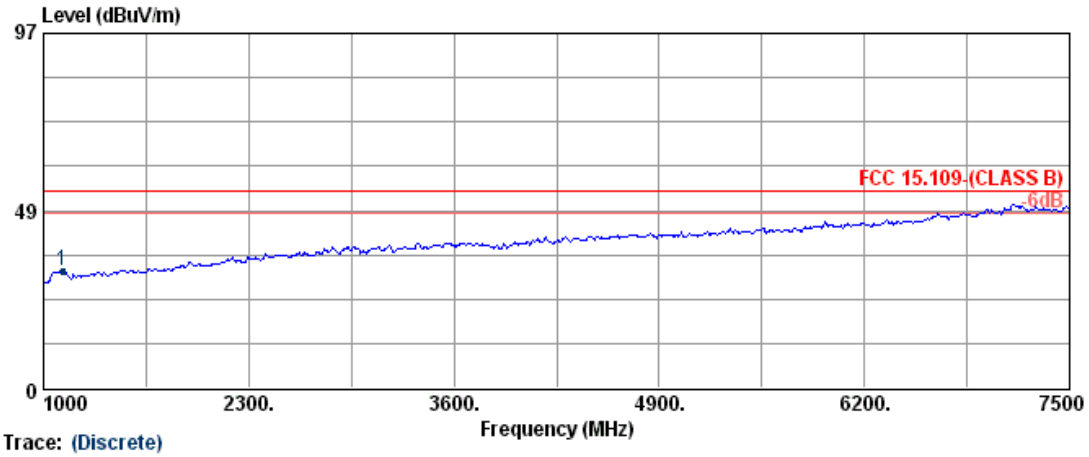
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 4 Test Date : Mar. 08, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Site : RF SITE
Condition : FCC 15.109-(CLASS B) 3m BBHA9120D VERTICAL
: RBW:100.000KHz VBW:300.000KHz
Project No. : EI-2010-20006-7
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : KD51
Test Mode : Camera REC _config 4
Temp./Humid. : 22/58
Operator : Nick
: IMEI : 990000256742030

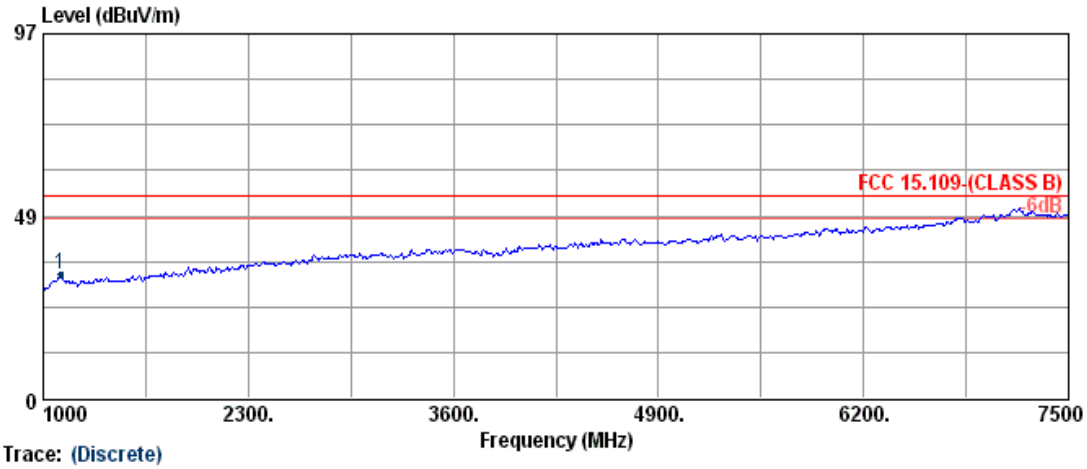
	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p	1123.50	39.84	24.41	3.40	35.43	-7.62	32.22	54.00	-21.78	Peak

Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.
(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 10GHz was 1MHz

Test Mode: Config 4 Test Date : Mar. 08, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Site : RF SITE
Condition : FCC 15.109-(CLASS B) 3m BBHA9120D HORIZONTAL
: RBW:100.000KHz VBW:300.000KHz
Project No. : EI-2010-20006-7
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : KD51
Test Mode : Camera REC _config 4
Temp./Humid. : 22/58
Operator : Nick
: IMEI : 990000256742030

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p	1110.50	40.63	24.38	3.40	35.47	-7.69	32.94	54.00	-21.06	Peak

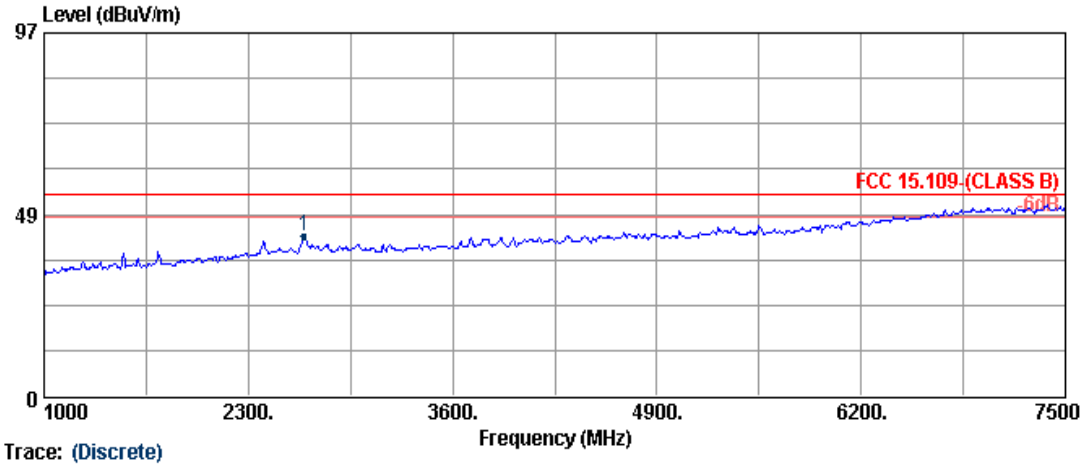
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 5 Test Date : Mar. 08, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Site : RF SITE
Condition : FCC 15.109-(CLASS B) 3m BBHA9120D VERTICAL
: RBW:100.000KHz VBW:300.000KHz
Project No. : EI-2010-20006-7
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : KD51
Test Mode : Data link _config 5
Temp./Humid. : 22/58
Operator : Nick
: IMEI : 990000256742030

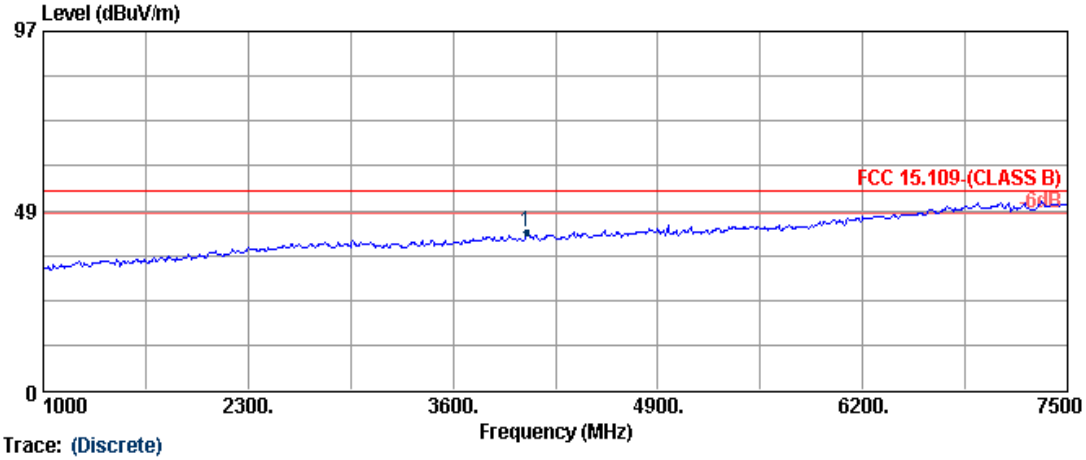
	Freq	Read Level	Cable Loss	Preamp Factor	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p	2657.50	52.95	5.28	43.44	-10.36	42.59	54.00	-11.41	Peak

Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.
(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 5 Test Date : Mar. 08, 2010

Frequency Range: 1GHz – 7.5GHz Test By: Nick



Trace: (Discrete)

Site : RF SITE
Condition : FCC 15.109-(CLASS B) 3m BBHA9120D HORIZONTAL
: RBW:100.000KHz VBW:300.000KHz
Project No. : EI-2010-20006-7
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : KD51
Test Mode : Data link _config 5
Temp./Humid. : 22/58
Operator : Nick
: IMEI : 990000256742030

	Freq	Read Level	Cable Loss	Preamp Factor	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB/m	dBuV/m	dBuV/m	dB	
1 p	4068.00	51.23	6.37	44.68	-8.52	42.71	54.00	-11.29	Peak

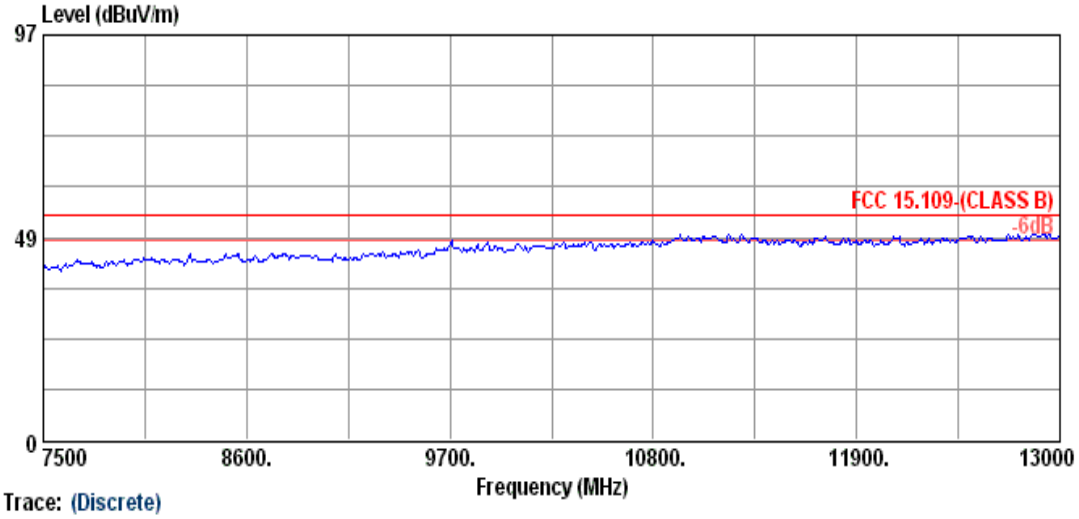
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 7.5GHz was 1MHz

Test Mode: Config 1 Test Date : Mar. 08, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Site	: RF SITE
Condition	: FCC 15.109-(CLASS B) 3m BBHA9120D VERTICAL
	: RBW:100.000KHz VBW:300.000KHz
Project No.	: EI-2010-20006-7
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: KD51
Test Mode	: Play 1kHz_config 1
Temp./Humid.	: 22/58
Operator	: Nick
	: IMEI : 990000256742030

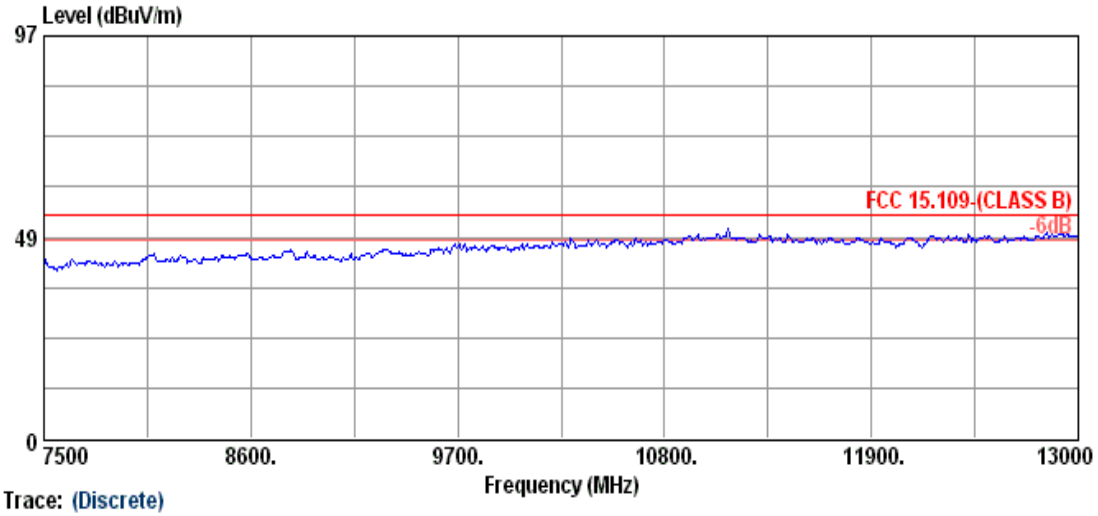
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 1 Test Date : Mar. 08, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Site	: RF SITE
Condition	: FCC 15.109-(CLASS B) 3m BBHA9120D HORIZONTAL
	: RBW:100.000KHz VBW:300.000KHz
Project No.	: EI-2010-20006-7
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: KD51
Test Mode	: Play 1kHz_config 1
Temp./Humid.	: 22/58
Operator	: Nick
	: IMEI : 990000256742030

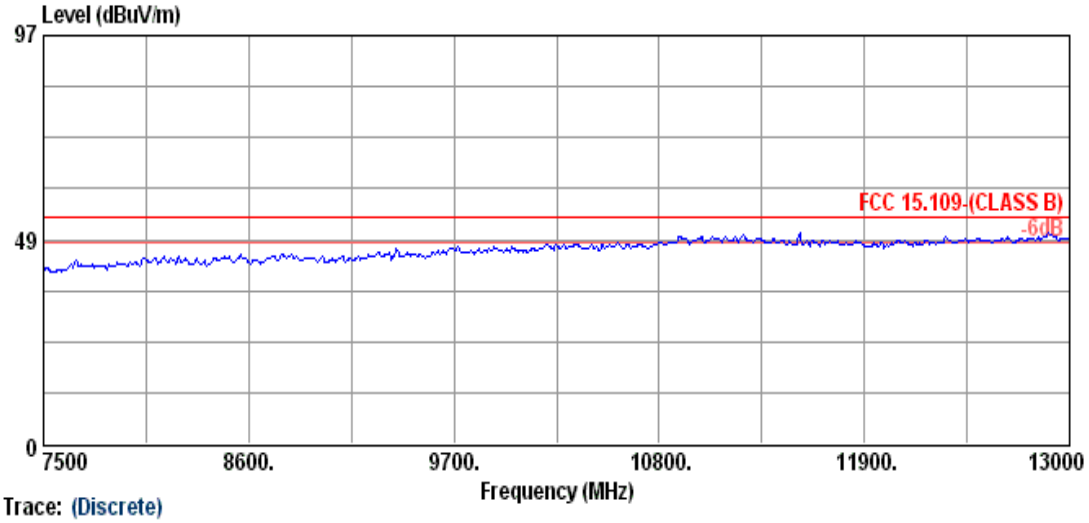
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 2 Test Date : Mar. 08, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Site	: RF SITE
Condition	: FCC 15.109-(CLASS B) 3m BBHA9120D VERTICAL
	: RBW:100.000KHz VBW:300.000KHz
Project No.	: EI-2010-20006-7
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: KD51
Test Mode	: Play 1kHz _config 2
Temp./Humid.	: 22/58
Operator	: Nick
	: IMEI : 990000256742030

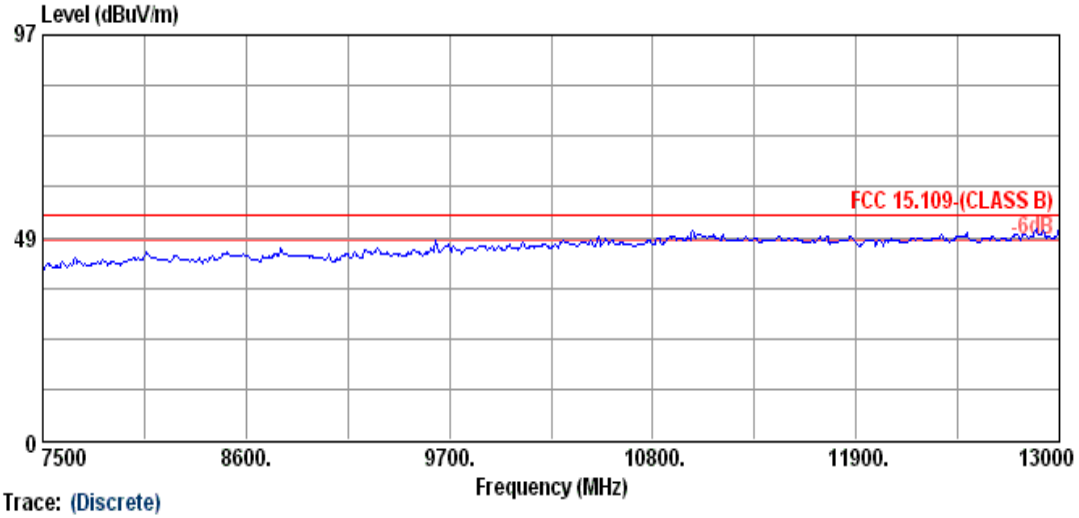
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 2 Test Date : Mar. 08, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Site	: RF SITE
Condition	: FCC 15.109-(CLASS B) 3m BBHA9120D HORIZONTAL
	: RBW:100.000KHz VBW:300.000KHz
Project No.	: EI-2010-20006-7
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: KD51
Test Mode	: Play 1kHz _config 2
Temp./Humid.	: 22/58
Operator	: Nick
	: IMEI : 990000256742030

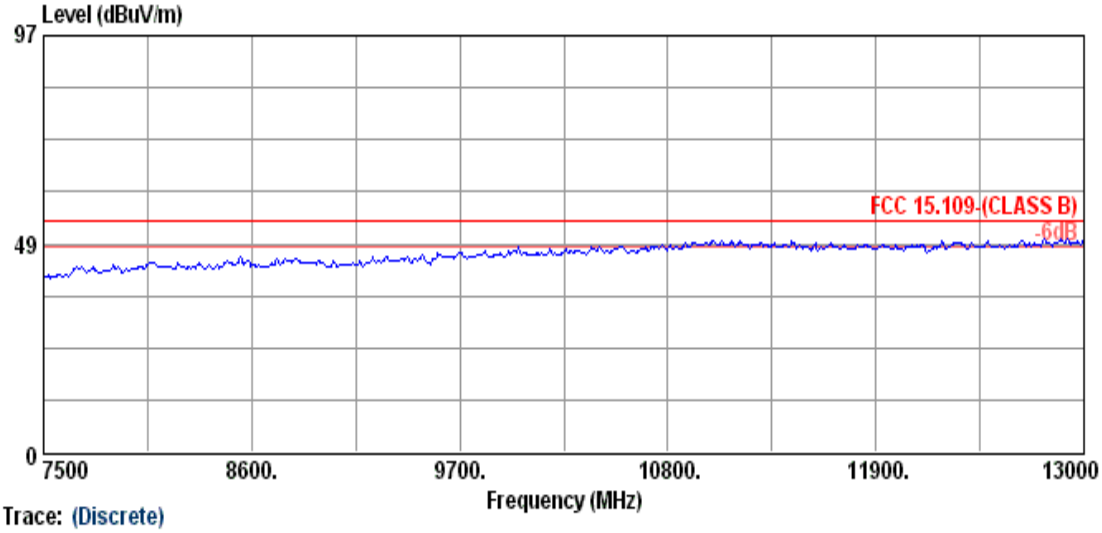
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 3 Test Date : Mar. 08, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Site	: RF SITE
Condition	: FCC 15.109-(CLASS B) 3m BBHA9120D VERTICAL
	: RBW:100.000KHz VBW:300.000KHz
Project No.	: EI-2010-20006-7
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: KD51
Test Mode	: Camera REC _config 3
Temp./Humid.	: 22/58
Operator	: Nick
	: IMEI : 990000256742030

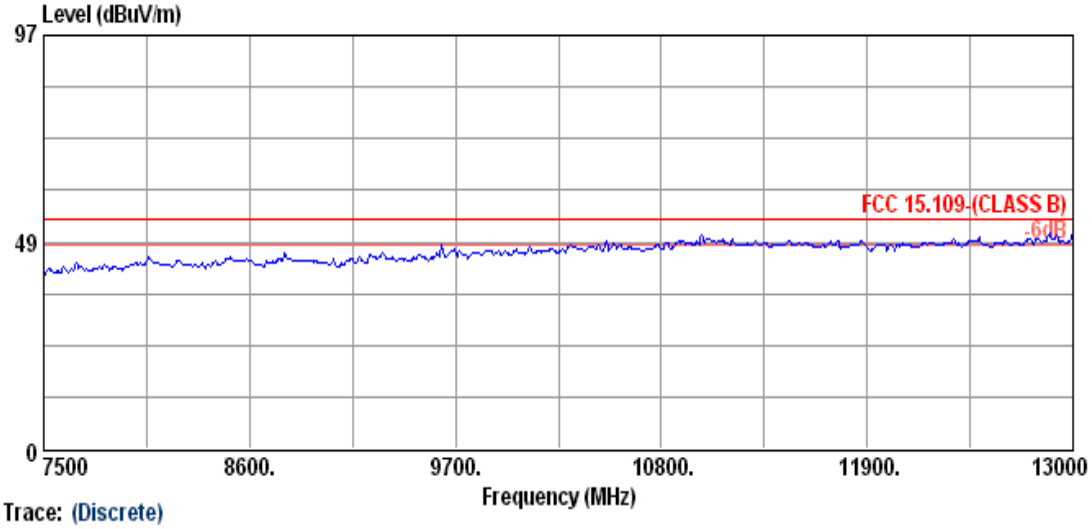
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 3 Test Date : Mar. 08, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Site	: RF SITE
Condition	: FCC 15.109-(CLASS B) 3m BBHA9120D HORIZONTAL
	: RBW:100.000KHz VBW:300.000KHz
Project No.	: EI-2010-20006-7
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: KD51
Test Mode	: Camera REC _config 3
Temp./Humid.	: 22/58
Operator	: Nick
	: IMEI : 990000256742030

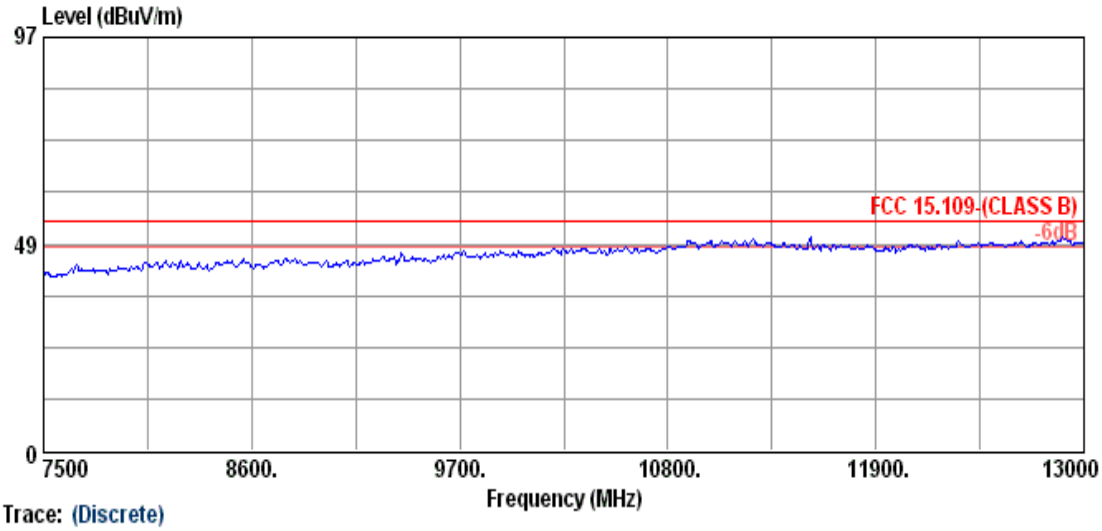
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 4 Test Date : Mar. 08, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Site	: RF SITE
Condition	: FCC 15.109-(CLASS B) 3m BBHA9120D VERTICAL
	: RBW:100.000KHz VBW:300.000KHz
Project No.	: EI-2010-20006-7
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: KD51
Test Mode	: Camera REC _config 4
Temp./Humid.	: 22/58
Operator	: Nick
	: IMEI : 990000256742030

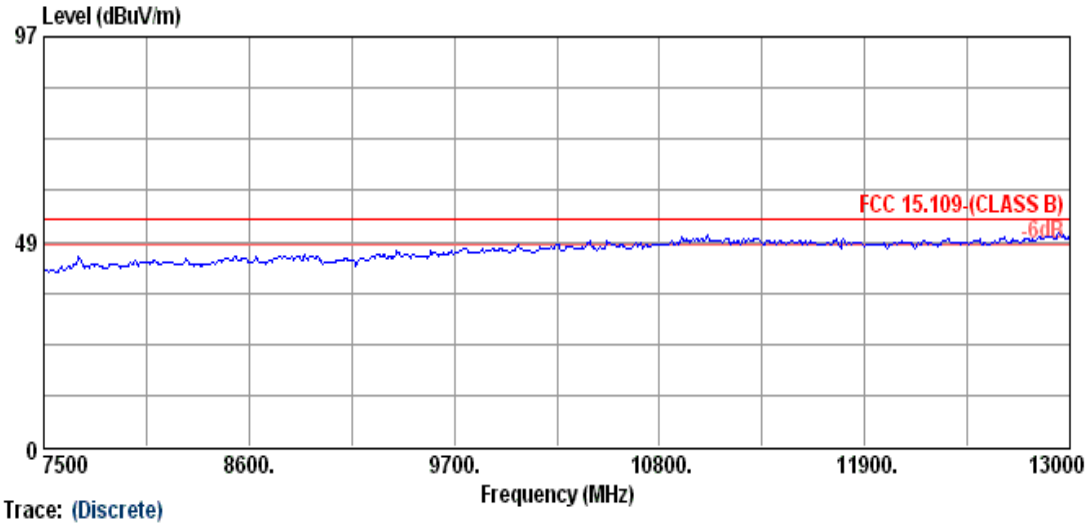
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 4 Test Date : Mar. 08, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Site	: RF SITE
Condition	: FCC 15.109-(CLASS B) 3m BBHA9120D HORIZONTAL
	: RBW:100.000KHz VBW:300.000KHz
Project No.	: EI-2010-20006-7
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: KD51
Test Mode	: Camera REC _config 4
Temp./Humid.	: 22/58
Operator	: Nick
	: IMEI : 990000256742030

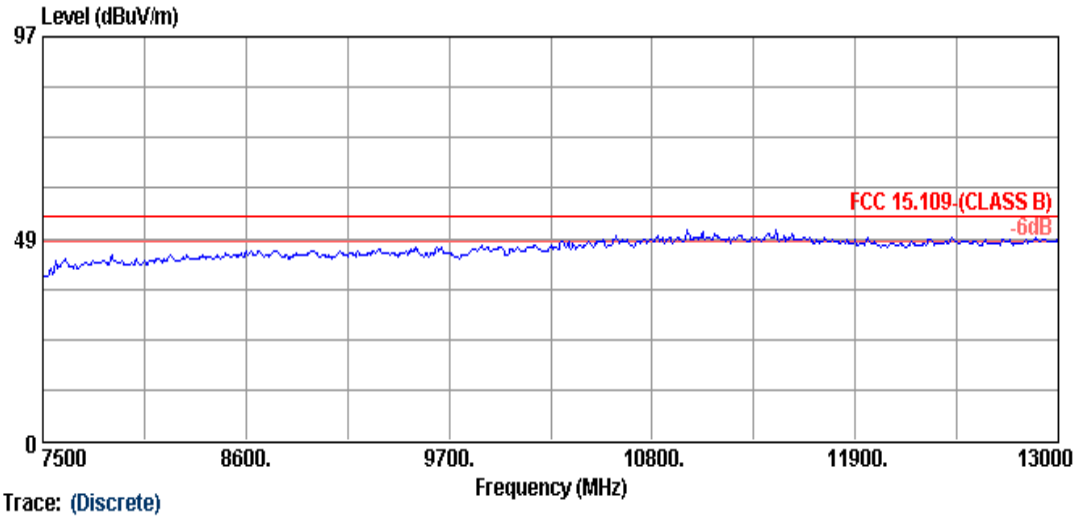
Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 5 Test Date : Mar. 08, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



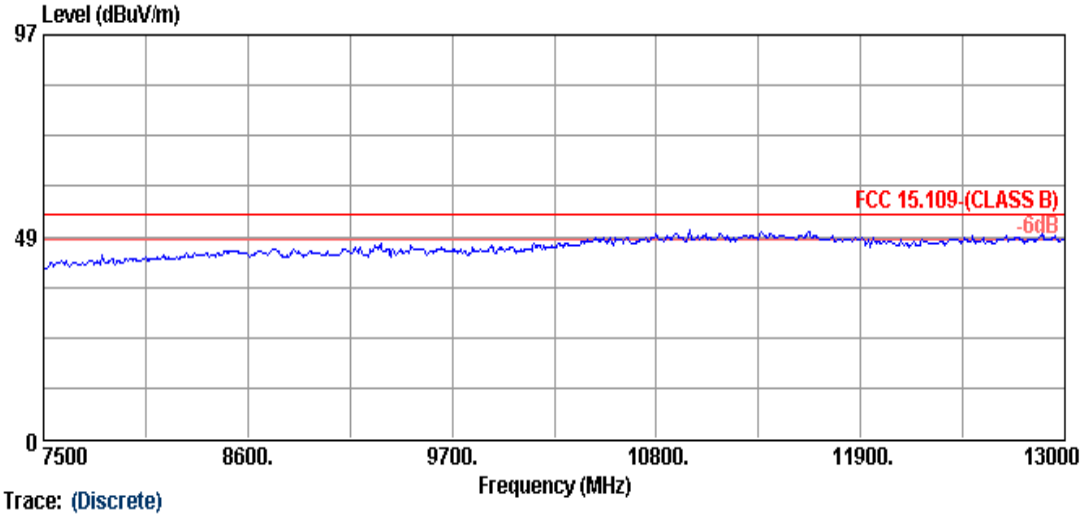
Site : RF SITE
Condition : FCC 15.109-(CLASS B) 3m BBHA9120D VERTICAL
: RBW:100.000KHz VBW:300.000KHz
Project No. : EI-2010-20006-7
Applicant : Toshiba
EUT Description : Mobile Phone
EUT Model : KD51
Test Mode : Data link _config 5
Temp./Humid. : 22/58
Operator : Nick
: IMEI : 990000256742030

Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.
(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz

Test Mode: Config 4 Test Date : Mar. 08, 2010

Frequency Range: 7.5GHz – 13GHz Test By: Nick



Trace: (Discrete)

Site	: RF SITE
Condition	: FCC 15.109-(CLASS B) 3m BBHA9120D HORIZONTAL
	: RBW:100.000KHz VBW:300.000KHz
Project No.	: EI-2010-20006-7
Applicant	: Toshiba
EUT Description	: Mobile Phone
EUT Model	: KD51
Test Mode	: Data link _config 5
Temp./Humid.	: 22/58
Operator	: Nick
	: IMEI : 990000256742030

Remark：

(1) All Readings above 1GHz are Peak and Average measurement as necessary.

(2) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 7.5GHz to 13GHz was 1MHz